

## Red Hat 6 Documentation

*Identify, capture and resolve common issues faced by Red Hat Enterprise Linux administrators using best practices and advanced troubleshooting techniques About This Book Develop a strong understanding of the base tools available within Red Hat Enterprise Linux (RHEL) and how to utilize these tools to troubleshoot and resolve real-world issues Gain hidden tips and techniques to help you quickly detect the reason for poor network/storage performance Troubleshoot your RHEL to isolate problems using this example-oriented guide full of real-world solutions Who This Book Is For If you have a basic knowledge of Linux from administration or consultant experience and wish to add to your Red Hat Enterprise Linux troubleshooting skills, then this book is ideal for you. The ability to navigate and use basic Linux commands is expected. What You Will Learn Identify issues that need rapid resolution against long term root cause analysis Discover commands for testing network connectivity such as telnet, netstat, ping, ip and curl Spot performance issues with commands such as top, ps, free, iostat, and vmstat Use topdump for traffic analysis Repair a degraded file system and rebuild a software raid Identify and troubleshoot hardware issues using dmesg Troubleshoot custom applications with strace and knowledge of Linux resource limitations In Detail Red Hat Enterprise Linux is an operating system that allows you to modernize your infrastructure, boost efficiency through virtualization, and finally prepare your data center for an open, hybrid cloud IT architecture. It provides the stability to take on today's challenges and the flexibility to adapt to tomorrow's demands. In this book, you begin with simple troubleshooting best practices and get an overview of the Linux commands used for troubleshooting. The book will cover the troubleshooting methods for web applications and services such as Apache and MySQL. Then, you will learn to identify system performance bottlenecks and troubleshoot network issues; all while learning about vital troubleshooting steps such as understanding the problem statement, establishing a hypothesis, and understanding trial, error, and documentation. Next, the book will show you how to capture and analyze network traffic, use advanced system troubleshooting tools such as strace, topdump & dmesg, and discover common issues with system defaults. Finally, the book will take you through a detailed root cause analysis of an unexpected reboot where you will learn to recover a downed system. Style and approach This is an easy-to-follow guide packed with examples of real-world core Linux concepts. All the topics are presented in detail while you're performing the actual troubleshooting steps.*

*This IBM® Redbooks® publication provides information for attaching the IBM XIV® Storage System to various host operating system platforms, including IBM i. The book provides information and references for combining the XIV Storage System with other storage platforms, host servers, or gateways, including IBM N Series, and IBM ProtecTIER®. It is intended for administrators and architects of enterprise storage systems. The book also addresses using the XIV storage with databases and other storage-oriented application software that include: IBM DB2® VMware ESX Microsoft HyperV SAP The goal is to give an overview of the versatility and compatibility of the XIV Storage System with various platforms and environments. The information that is presented here is not meant as a replacement or substitute for the Host Attachment kit publications. It is meant as a complement and to provide readers with usage guidance and practical illustrations.*

*The Mono Project is the much talked-about open source initiative to create a Unix implementation of Microsoft's .NET Development Framework. Its purpose is to allow Unix developers to build and deploy cross-platform .NET applications. The project has also sparked interest in developing components, libraries and frameworks with C#: the programming language of .NET.The controversy? Some say Mono will become the preferred platform for Linux development, empowering Linux/Unix developers. Others say it will allow Microsoft to embrace, extend, and extinguish Linux. The controversy rages on, but--like many developers--maybe you've had enough talk and want to see what Mono is really all about. There's one way to find out: roll up your sleeves, get to work, and see what you Mono can do. How do you start? You can research Mono at length. You can play around with it, hoping to figure things out for yourself. Or, you can get straight to work with Mono: A Developer's Notebook--a hands-on guide and your trusty lab partner as you explore Mono 1.0.Light on theory and long on practical application, Mono: A Developer's Notebook bypasses the talk and theory, and jumps right into Mono 1.0. Diving quickly into a rapid tour of Mono, you'll work through nearly fifty mini-projects that will introduce you to the most important and compelling aspects of the 1.0 release. Using the task-oriented format of this new series, you'll learn how to acquire, install, and run Mono on Linux, Windows, or Mac OS X. You'll work with the various Mono components: Gtk#, the Common Language Runtime, the class libraries (both .NET and Mono-provided class libraries), IKVM and the Mono C# compiler. No other resource will take you so deeply into Mono so quickly or show you as effectively what Mono is capable of. The new Developer's Notebooks series from O'Reilly covers important new tools for software developers. Emphasizing example over explanation and practice over theory, they focus on learning by doing--you'll get the goods straight from the masters, in an informal and code-intensive style that suits developers. If you've been curious about Mono, but haven't known where to start, this no-fluff, lab-style guide is the solution.*

*Master the latest version of Fedora and Red Hat Enterprise Linux with the step-by-step instructions and hands-on advice in Fedora 9 and Red Hat Enterprise Linux Bible. Learn key system administration skills like setting users and automating system tasks, understand the latest security issues and threats, and gain confidence with using and customizing the desktop menus, icons, and window manager. Updated every six months to correspond with the latest Fedora release, this book includes an official Fedora 9 LiveCD so that you can practice your knowledge and improve your skills. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.*

*Beginning Red Hat Linux 9*

*Enterprise Information Systems Assurance and System Security: Managerial and Technical Issues*

*Red Hat Enterprise Linux 8 Essentials*

*Talking Directly to the Kernel and C Library*

*Concepts, Methodologies, Tools, and Applications*

An end-to-end guide for IBM implementation partners and solution providers. KEY FEATURES ▯ Detailed step-by-step IBM Software installation and configuration that saves time for installing and configuring computers. ▯ Designed for students, IT consultants, systems and solution architects, data analysts, and developers. ▯ Unique solution documentation for running Cognos configuration designed for banks, financial services, and insurance companies. DESCRIPTION This book shows how to install IBM Cognos Analytics software and related systems on RedHat Enterprise Linux 8.0, IBM Cloud, IBM Cloud Private (Community Edition), and Windows 10. It includes step-by-step instructions for downloading and installing IBM Cognos Analytics. It also includes numerous examples of setups and updates to analyze the OLAP database utilized by the IBM Case Manager. The initial chapters discuss the installation of IBM Information Management Products. The reader will know the URLs of the downloading sites, the product codes, descriptions, sizes, and the names of each software downloaded to the gzip tar file. It includes setting up RHEL 8.0 Linux OS and using the Docker system for installation on IBM Cloud PAK servers, RedHat OpenShift clusters, and IBM Cloud Private. The IBM Cognos installation contains versions 11.1.1 through 11.4.0 on RedHat Linux 8.0 and Windows 10. The book includes the usage of the IBM Cognos Analytics 11.1 R4 Dynamic Cube Datastore and the 11.1 R4 Cube Designer for the report and dashboard. Additionally, the book includes constructing the essential Zlib library from the C language source download, its compilation, and linking. WHAT YOU WILL LEARN ▯ Detailed step-by-step instructions for installing IBM Cognos Analytics. ▯ Installation on Windows 10, RedHat Enterprise Linux 8.0, IBM Cloud, and IBM Cloud Private (CE). ▯ Downloading, compiling, and linking the necessary zlib library on Linux. ▯ Connecting to the CASTORE database using an example of Cognos Analytics configuration. ▯ Creating OLAP Cubes for IBM Case Manager dashboard reports. WHO THIS BOOK IS FOR This book is for IT consultants, architects for systems and solutions, data analysts, and data analytics solution developers. All the examples in the book are based on Unix/Windows and web-based tool basic knowledge. TABLE OF CONTENTS 1. Getting Started with IBM Resources for Cognos 2. IBM Cloud PAK Systems 3. RedHat OpenShift 4.x Installations 4. IBM Cloud Private Cluster systems 5. IBM Cognos Analytics 11. On RHEL 8.0 6. IBM Cognos Analytics 11. On Windows 10.0 7. IBM Cognos Analytics 11 on RHEL 8.0 Linux Fix for Zlib

Develop the skill to manage and administer Red Hat Enterprise Linux and get ready to achieve the RHCSA certification Key Features Learn the most common administration and security tasks and manage enterprise Linux infrastructures efficiently Assess your knowledge using self-assessment questions based on real-world examples Understand how to apply the concepts of core systems administration in the real world Book Description Whether in infrastructure or development, as a DevOps or site reliability engineer, Linux skills are now more relevant than ever for any IT job, forming the foundation of understanding the most basic layer of your architecture. With Red Hat Enterprise Linux (RHEL) becoming the most popular choice for enterprises worldwide, achieving the Red Hat Certified System Administrator (RHCSA) certification will validate your Linux skills to install, configure, and troubleshoot applications and services on RHEL systems. Complete with easy-to-follow tutorial-style content, self-assessment questions, tips, best practices, and practical exercises with detailed solutions, this book covers essential RHEL commands, user and group management, software management, networking fundamentals, and much more. You'll start by learning how to create an RHEL 8 virtual machine and get to grips with essential Linux commands. You'll then understand how to manage users and groups on an RHEL 8 system, install software packages, and configure your network interfaces and firewall. As you advance, the book will help you explore disk partitioning, LVM configuration, Stratis volumes, disk compression with VDO, and container management with Podman, Buildah, and Skopeo. By the end of this book, you'll have covered everything included in the RHCSA EX200 certification and be able to use this book as a handy, on-the-job desktop reference guide. This book and its contents are solely the work of Miguel Perez Colino, Pablo Iranzo Gomez, and Scott McCarty. The content does not reflect the views of their employer (Red Hat Inc.). This work has no connection to Red Hat, Inc. and is not endorsed or supported by Red Hat, Inc. What you will learn Deploy RHEL 8 in different footprints, from bare metal and virtualized to the cloud Manage users and software on local and remote systems at scale Discover how to secure a system with SELinux, OpenSCAP, and firewallD Gain an overview of storage components with LVM, Stratis, and VDO Master remote administration with passwordless SSH and tunnels Monitor your systems for resource usage and take actions to fix issues Understand the boot process, performance optimizations, and containers Who this book is for This book is for IT professionals or students who want to start a career in Linux administration and anyone who wants to take the RHCSA 8 certification exam. Basic knowledge of Linux and familiarity with the Linux command-line is necessary.

UNIX, UNIX LINUX & UNIX TCL/TK. Write software that makes the most effective use of the Linux system, including the kernel and core system libraries. The majority of both Unix and Linux code is still written at the system level, and this book helps you focus on everything above the kernel, where applications such as Apache, bash, cp, vim, Emacs, gcc, gdb, glibc, ls, mv, and X exist. Written primarily for engineers looking to program at the low level, this updated edition of Linux System Programming gives you an understanding of core internals that makes for better code, no matter where it appears in the stack. -- Provided by publisher.

This IBM® Redbooks® publication captures several of the preferred practices and describes the performance gains that can be achieved by implementing the IBM System Storage® SAN Volume Controller and IBM Storwize® V7000 powered by IBM Spectrum Virtualize™ V8.2.1. These practices are based on field experience. This book highlights configuration guidelines and preferred practices for the storage area network (SAN) topology, clustered system, back-end storage, storage pools and managed disks, volumes, remote copy services, and hosts. Then it provides performance guidelines for SAN Volume Controller, back-end storage, and applications. It explains how you can optimize disk performance with the IBM System Storage Easy Tier® function. It also provides preferred practices for monitoring, maintaining, and troubleshooting SAN Volume Controller and Storwize V7000. This book is intended for experienced storage, SAN, and SAN Volume Controller administrators and technicians. Understanding his book requires advanced knowledge of the SAN Volume Controller and Storwize V7000 and SAN environments. Important: On 11th February 2020 IBM announced the arrival of SAN Volume Controller SA2 and SV2, and IBM FlashSystem® 7200 to the family. This book was written specifically for prior versions of SVC and Storwize V7000; however, most of the general principles will apply. If you are in any doubt as to their applicability then you should work with your local IBM representative. This book will be updated to comprehensively include SAN Volume Controller SA2 and SV2 and FlashSystem 7200 in due course.

Mono: A Developer's Notebook

Hands-on Guide to the Red Hat Exams

IBM System Storage DS8000: Host Attachment and Interoperability

Red Hat Enterprise Linux 6 Administration

Red Hat Linux 6 in Small Business

IBM XIV Storage System: Host Attachment and Interoperability

As a market-leading, free, open-source Linux operating system (OS), Fedora 10 is implemented in Red Hat Enterprise Linux and serves as an excellent OS for those who want more frequent updates. Bestselling author Christopher Negus offers an ideal companion resource for both new and advanced Linux users. He presents clear, thorough instructions so you can learn how to make Linux installation simple and painless, take advantage of the desktop interface, and use the Linux shell, file system, and text editor. He also describes key system administration skills, including setting up users, automating system tasks, backing up and restoring files, and understanding the latest security issues and threats. Included is both a DVD distribution of Fedora Linux 10 and a bootable Fedora LiveCD. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. Red Hat Certified System Administrator and Engineer (RHCSA / RHCE) RHEL 6Endeavor Technologies Inc.

You've experienced the shiny, point-and-click surface of your Linux computer--now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell (or command line). Along the way you'll learn the timeless skills handed down by generations of experienced, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: • Create and delete files, directories, and symlinks • Administer your system, including networking, package installation, and process management • Use standard input and output, redirection, and pipelines • Edit files with Vi, the world's most popular text editor • Write shell scripts to automate common or boring tasks • Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust.

More than a quarter of a million copies sold in previous editions! Freedom is a feature With Fedora's new Online Desktop, you are free to shape your desktop environment to include the services, applications, and online friends you desire. As always, Fedora's total dedication to freedom lets you draw on thousands of free software packages to create the exact desktop or server computer you need. Fedora puts together the software (provided here on CD and DVD). This book acts as a guide to everything from playing music and writing documents to configuring many powerful Web, file, print, DHCP, and database servers. Customize Fedora or Red Hat Enterprise Linux to: Explore your computer or the Internet from GNOME®, KDE®, or Online Desktops Manage and use documents, spreadsheets, presentations, music, and images Try the new advanced PulseAudio sound server Draw from online software repositories with Package Manager and Package Updater Build an Internet server with e-mail, Web, DNS, FTP, and database services Secure your computer with firewalls, password protection, and SELinux Try out cutting-edge Fedora 8 features: Use Codeina to get legal software to play MP3, Windows media, and other audio/video formats Organize photos, music, friends, docs, and Web favorites in the new experimental Online Desktop Explore the latest in KVM and QEMU virtualization and AIGLX 3D-desktop What's on the DVD and CD-ROM? Install Fedora 8 (8GB) from DVD Boot Fedora 8 GNOME Live CD, and then install its contents to your hard drive System Requirements: Please see the Preface and Appendix A for details and complete system requirements. Open for more! Check out the new Online Desktop Find ten cool things to do with Fedora Run a Fedora 8 quick install Add pop and power with Online Desktop and 3D acceleration Organizing the people, places, and things you need on your desktop is now easier with the new GNOME Online Desktop. Get organized, then pile on some bling with 3D-accelerated desktop effects. Put friends, photos, and fun on your new Online Desktop Your favorite people and your online favorites are totally accessible from the new GNOME Online Desktop. Play with 3D desktop animations Continued improvements in 3D software let you rotate workspaces on a 3D cube, choose 3D minimize effects, and set 3D wobble effects.

Master Linux administration skills and prepare for the RHCSA certification exam

Information Security and Ethics: Concepts, Methodologies, Tools, and Applications

Learn to Install, Administer and Deploy RHEL 8 Systems

z/VM and Linux on IBM System z: The Virtualization Cookbook for Red Hat Enterprise Linux 6.0

Linux Cookbook

Developing and Hosting Applications on the Cloud

This collection of tips, tools, and scripts provides clear, concise, hands-on solutions that can be applied to the challenges facing anyone running a network of Linux servers from small networks to large data centers.

This IBM® Redbooks® publication describes how to create Linux® virtual servers in IBM z/VM® on IBM System z® hardware. This book adopts a cookbook format that provides a concise, repeatable set of procedures for installing and configuring z/VM in a logical partition (LPAR) and then installing and customizing Linux. You need an IBM System z LPAR with the associated resources, z/VM V6.1 media, and a Linux distribution. This book assumes that you have a general familiarity with System z technology and terminology. It does not assume an in-depth understanding of z/VM and Linux. It is written for those clients who want to get a quick start with z/VM and Linux on the mainframe.

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.

"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.

Linux Bible

IBM FlashSystem 9200 and 9100 Best Practices and Performance Guidelines

Fedora 9 and Red Hat Enterprise Linux Bible

Smooth Onboarding of Data Analytics and Business Intelligence on Red Hat RHEL 8.0, IBM Cloud Private, and Windows Servers (English Edition)

RHCSA Red Hat Enterprise Linux 8:

A Practical Guide to Red Hat Linux 8

*This book constitutes the revised selected papers of the 12th International Conference on Service-Oriented Computing, ICSOC 2014, held in Paris, France, in November 2014. The conference hosted the following seven workshops: 10th International Workshop in Engineering Service-Oriented Applications, WESOA 2014; First Workshop on Resource Management in Service-Oriented Computing, RMSOC 2014; First International Workshop on Knowledge Aware Service Oriented Applications, Performance Assessment and Auditing in Service Computing, KASA 2014; Workshop on Intelligent Service Clouds, ISC 2014; Third International Workshop on Self-Managing Pervasive Service Systems, SeMaPS 2014; First International Workshop on Formal Modeling and Verification of Service-Based Systems, FOR-MOVES 2014; 4th International Workshop on Cloud Computing and Scientific Applications, CCSA 2014. The papers included in this volume were carefully reviewed and selected from numerous submissions. They address various topics in the service-oriented computing domain and its emerging applications.*

*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 also provides 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.*

*Achieve enterprise automation in your Linux environment with this comprehensive guide Key FeaturesAutomate your Linux infrastructure with the help of practical use cases and real-world scenariosLearn to plan, build, manage, and customize OS releases in your environmentEnhance the scalability and efficiency of your infrastructure with advanced Linux system administration conceptsBook Description Automation is paramount if you want to run Linux in your enterprise effectively. It helps you minimize costs by reducing manual operations, ensuring compliance across data centers, and accelerating deployments for your cloud infrastructures. Complete with detailed explanations, practical examples, and self-assessment questions, this book will teach you how to manage your Linux estate and leverage Ansible to achieve effective levels of automation. You'll learn important concepts on standard operating environments that lend themselves to automation, and then build on this knowledge by applying Ansible to achieve standardization throughout your Linux environments. By the end of this Linux automation book, you'll be able to build, deploy, and manage an entire estate of Linux servers with higher reliability and lower overheads than ever before. What you will learnPerform large-scale automation of Linux environments in an enterpriseOvercome the common challenges and pitfalls of extensive automationDefine the business processes needed to support a large-scale Linux environmentGet well-versed with the most effective and reliable patch management strategiesAutomate a range of tasks from simple user account changes to complex security policy enforcementLearn best practices and procedures to make your Linux environment automatableWho this book is for This book is for anyone who has a Linux environment to design, implement, and maintain. Open source professionals including infrastructure architects and system administrators will find this book useful. You're expected to have experience in implementing and maintaining Linux*

servers along with knowledge of building, patching, and maintaining server infrastructure. Although not necessary, knowledge of Ansible or other automation technologies will be beneficial.

Explains how to set up a secure Linux-based network in businesses with less than one hundred employees and lists sources for obtaining live technical support

Efficiently perform large-scale Linux infrastructure automation with Ansible

Real World Skills for Red Hat Administrators

Managerial and Technical Issues

Fedora 10 and Red Hat Enterprise Linux Bible

IBM System Storage SAN Volume Controller, IBM Storwize V7000, and IBM FlashSystem 7200 Best Practices and Performance Guidelines

Hands-On Enterprise Automation on Linux

This IBM® Redbooks® publication addresses host attachment and interoperability considerations for the IBM System Storage® DS8000® series. Within this book, you can find information about the most popular host operating systems platforms, including Windows®, IBM AIX®, VIOS, Linux®, Solaris, HP-UX, VMware, Apple, and IBM z/OS® The topics covered in this book target administrators or other technical personnel with a working knowledge of storage systems and a general understanding of open systems. You can use this book as guidance when installing, attaching, and configuring System Storage DS8000. The practical, usage-oriented guidance provided in this book complements the IBM System Storage DS8000 Host Systems Attachment Guide, SC26-7917.

For many organizations, a big part of DevOps' appeal is software automation using infrastructure-as-code techniques. This book presents developers, architects, and infra-ops engineers with a more practical option. You'll learn how a container-centric approach from OpenShift, Red Hat's cloud-based PaaS, can help your team deliver quality software through a self-service view of IT infrastructure. Three OpenShift experts at Red Hat explain how to configure Docker application containers and the Kubernetes cluster manager with OpenShift's developer- and operational-centric tools. Discover how this infrastructure-agnostic container management platform can help companies navigate the murky area where infrastructure-as-code ends and application automation begins. Get an application-centric view of automation-and understand why it's important Learn patterns and practical examples for managing continuous deployments such as rolling, A/B, blue-green, and canary Implement continuous integration pipelines with OpenShift's Jenkins capability Explore mechanisms for separating and managing configuration from static runtime software Learn how to use and customize OpenShift's source-to-image capability Delve into management and operational considerations when working with OpenShift-based application workloads Install a self-contained local version of the OpenShift environment on your computer

HIGHLIGHTS > Covers ALL Latest Official Exam Objectives for RHCSA 8 including Containers and Shell Scripting > Great for Self-Study and In-Class/Virtual Training > 108 Real-Life Step-By-Step Exercises and Shell Scripts > 80 Do-It-Yourself Challenge Labs > 408 Review Questions & Answers > 4 Realistic Sample RHCSA Exams (23 tasks per exam) RHCSA Red Hat Enterprise Linux 8 (UPDATED): Training and Exam Preparation Guide, Second Edition provides in-depth coverage of the latest RHCSA EX200 exam objectives that include Shell Scripting and Containers. The most definitive guide available on the subject, this book explains concepts, analyzes configuration files, describes command outputs, shows step-by-step procedures (includes screenshots of actual commands executed and outputs they produced), and challenges the readers' comprehension of the concepts and procedures by presenting plenty of additional labs and sample realistic exam tasks to perform on their own. This book has 23 chapters that are organized logically, from setting up the lab to the fundamentals of Linux to sophisticated Linux administration topics. The book covers the topics on local RHEL 8 installation; initial interaction with the system; basic Linux commands; compression and archiving; file editing and manipulation; standard and special permissions; file searching and access controls; user monitoring and authentication files; users, groups, and password aging; bash shell features and startup files; processes and task scheduling; basic and advanced software administration techniques; system boot process and bootloader; kernel management and system initialization; logging and system tuning; basic and advanced storage management tools and solutions; local file systems and swap regions; network device and connection configuration; remote file systems and automounting; time synchronization and hostname resolution; the secure shell service; firewall and SELinux controls; and shell scripting and containers. Each chapter highlights the major topics and relevant exam objectives at the beginning and ends with several review questions & answers and Do-It-Yourself challenge labs. Throughout the book, figures, tables, screen shots, examples, notes, and exam tips are furnished to support explanation and exam preparation. This book includes four sample RHCSA exams that are expected to be performed using the knowledge and skills attained from reading the material, following the exercises, and completing the challenge labs. The labs and the sample exams include hints to relevant topics and/or exercises. This book may be used as a self-learning guide by RHCSA 8 exam aspirants, a resource by instructors and students to follow in physical and virtual training sessions, an on-the-job resource for reference, and an easy-to-understand guide by novice and non-RHEL administrators.

Based on Red Hat Enterprise Linux 6 (RHEL 6), this guide covers all official exam objectives and includes more than 100 exercises, more than 550 exam review questions, more than 70 practice labs, and two sample exams.

Fedora 11 and Red Hat Enterprise Linux Bible

WESOA; SeMaPS, RMSOC, KASA, ISC, FOR-MOVES, CCSA and Satellite Events, Paris, France, November 3-6, 2014, Revised Selected Papers

Ubuntu Unleashed

House Documents, Otherwise Publ. as Executive Documents

Installation, Upgrade, and Configuration of IBM Cognos Analytics

DevOps with OpenShift

Presents theories and models associated with information privacy and safeguard practices to help anchor and guide the development of technologies, standards, and best practices. Provides recent, comprehensive coverage of all issues related to information security and ethics, as well as the opportunities, future challenges, and emerging trends related to this subject.

"This book brings together authoritative authors to address the most pressing challenge in the IT field - how to create secure environments for the application of technology to serve our future needs"--Provided by publisher.

The leading Fedora book-over a quarter of a million copies sold of previous editions! What better way to learn Fedora 11 than with the leading Fedora book from the best-selling Linux author, Christopher Negus with Eric Foster Johnson? Whether you're new to Linux or an advanced user, this power-packed guide is loaded with what you need. Install, run, and manage the latest version of Fedora and Red Hat Enterprise Linux-then polish your system administration skills and get up to speed on the very latest in networking, desktop, and server enhancements. Master the Linux shell, file system, and text editor; how to set up users and automate system tasks; and much more in over a thousand pages of step-by-step instruction. Boot the full DVD of Fedora 11, including almost all binary code packages, or do a Live Install of the CD for rescuing, troubleshooting, or installing Fedora. Fedora is a free, open source Linux operating system sponsored by Red Hat as an open source community project; the technological innovations from the Fedora Project are then implemented in Red Hat's commercial offering, Red Hat Enterprise Linux Covers step-by-step instructions for making Linux installation simple and painless; how to take advantage of the desktop interface (including coverage of AIGLX); and how to use the Linux shell, file system, and text editor Also covers setting up users; automating system tasks; backing up and restoring files; dealing with the latest security issues and threats; using and customizing the desktop menus, icons, window manager, and xterm; and how to create and publish formatted documents with Linux applications The DVD and CD that come with the book include Fedora Linux 11 and an official Fedora 11 LiveCD (bootable and installable) This is the book you need to succeed with Fedora 11 and Red Hat Enterprise Linux. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Describes the Linux operating system, covering such topics as installation, connecting to the Internet, software, applications, user accounts, networking, system administration, security, and Perl.

Hands-on Guide to the Red Hat® Exams: RHCSATM and RHCE® Cert Guide and Lab Manual

Red Hat Enterprise Linux 8 Administration

Igniting Passion and Performance

RHCSA Red Hat Enterprise Linux 8 (UPDATED)

Linux System Programming

Cloud Deployments Made Easy

This book examines Red Hat Enterprise Linux 8 for the desktop user and administrator ( including RHEL 8.1). Though administrative tools are covered, the emphasis is on what a user would need to know to perform tasks. The focus here is on what users face when using Red Hat Enterprise Linux 8, covering topics like applications, the GNOME desktop, shell commands, and the administration and network tools. The GNOME desktop is examined in detail, including configuration options. Administration topics are also covered including user management, software management, repositories, services, systemd, system monitoring, shell configuration, encryption, network connections, shared resources, authentication, SELinux, firewalls, shell configuration, backups, and printers. The book is organized into two parts: desktops and administration.

This is a story of reinvention. Jim Whitehurst, celebrated president and CEO of one of the world's most revolutionary software companies, tells first-hand his journey from traditional manager (Delta Air Lines, Boston Consulting Group) and "chief" problem solver to CEO of one of the most open organizational environments he'd ever encountered. This challenging transition, and what Whitehurst learned in the interim, has paved the way for a new way of managing-one this modern leader sees as the only way companies will successfully function in the future. Whitehurst says beyond embracing the technology that has so far disrupted entire industries, companies must now adapt their management and organizational design to better fit the Information Age. His mantra? "Adapt or die." Indeed, the successful company Whitehurst leads-the open source giant Red Hat-has become the organizational poster child for how to reboot, redesign, and reinvent an organization for a decentralized, digital age. Based on open source principles of transparency, participation, and collaboration, "open management" challenges conventional business ideas about what companies are, how they run, and how they make money. This book provides the blueprint for putting it into practice in your own firm. He covers challenges that have been missing from the conversation to date, among them: how to scale engagement; how to have healthy debates that net progress; and how to attract and keep the "Social Generation" of workers. Through a mix of vibrant stories, candid lessons, and tested processes, Whitehurst shows how Red Hat has blown the traditional operating model to pieces by emerging out of a pure bottom up culture and learning how to execute it at scale. And he explains what other companies are, and need to be doing to bring this open style into all facets of the organization. By showing how to apply open source methods to everything from structure, management, and strategy to a firm's customer and partner relationships, leaders and teams will now have the tools needed to reach a new level of work. And with that new level of work comes unparalleled success. The Open Organization is your new resource for doing business differently. Get ready to make traditional management thinking obsolete.

This IBM® Redbooks® publication captures several of the preferred practices and describes the performance gains that can be achieved by implementing the IBM FlashSystem® 9100. These practices are based on field experience. This book highlights configuration guidelines and preferred practices for the storage area network (SAN) topology, clustered system, back-end storage, storage pools and managed disks, volumes, remote copy services, and hosts. It explains how you can optimize disk performance with the IBM System Storage® Easy Tier® function. It also provides preferred practices for monitoring, maintaining, and troubleshooting. This book is intended for experienced storage, SAN, IBM FlashSystem, SAN Volume Controller and Storwize® administrators and technicians. Understanding his book requires advanced knowledge of these environments. Important, IBM FlashSystem 9200: On 11th February 2020 IBM announced the arrival of the IBM FlashSystem 9200 to the family. This book was written specifically for IBM FlashSystem 9100, however most of the general principles will apply to the IBM FlashSystem 9200. If you are in any doubt as to their applicability to the FlashSystem 9200 then you should work with your local IBM representative. This book will be updated to include FlashSystem 9200 in due course.

Master every topic on Red Hat's new RHCSA™ and RHCE® exams. Assess your knowledge and focus your learning. Get the practical workplace knowledge you need! Start-to-finish RHCSA™ and RHCE® preparation from leading Linux system administrator, IT trainer, and certification expert Damian Tommasino! Master every RHCSA™ and RHCE® topic! Red Hat Enterprise Linux 6 local and network installation System services, runlevels, and bootup Disks, partitions, and file systems, including LUKS encryption Networking Package management User administration Logging, monitoring, and automation Kernel updates and tuning Security, including SELinux, firewalls, and policies Remote access, including SSH Apache, Squid, DNS, DHCP, NTP, and email NFS and Samba Client and network troubleshooting KVM virtualization Test your knowledge, build your confidence, and succeed! 22 hands-on RHCSA™ and RHCE® Labs, each with multiple real-world tasks Downloadable troubleshooting scripts Practical tutorials and real-world tips Exam tips Red Hat Enterprise Linux 6 Command Quick Reference Exclusive Red Hat exam prep advice and task lists Two full length lab-based practice exams Damian Tommasino (RHCE, RHCSA, MCSA, CCNA, CCENT, MCP, Security+, Network+, A+) is a Linux system administrator at TradeCard and CEO of Modular Learning Inc., an online IT training company. He blogs on Red Hat, Linux, and security at Security Nut (<http://secnut.blogspot.com>), and actively contributes to the popular IT exam certification forums at [techexams.net](http://techexams.net).

Red Hat Enterprise Linux 8: Desktops and Administration

A Complete Introduction

Training and Exam Preparation Guide (EX200), Second Edition

Red Hat Certified System Administrator and Engireer (RHCSA / RHCE) RHEL 6

Linux For Dummies

Red Hat Enterprise Linux Troubleshooting Guide

Previous editions of Linux For Dummies have garnered rave reviews. However, there's one scary term applied to them—outdated! The 6th Edition remedies that with easy-to-understand information on the latest version of the most popular Linux distributions, including Fedora Core, SuSE, Mandrake, Xandros, Linspire, and Knoppix. This guide walks you though installing, configuring, tuning, and using each version of Linux, the low-cost, secure alternative to expensive operating systems. You'll discover how to: Prep your computer for Linux Boot and stop Linux Connect to the Internet, e-mail, surf the Web, and access and use cool Internet tools Manage files and directories Do word processing and more with Open Office.org Updated material includes: Info on the wireless Internet connection Coverage of the new SELinux infrastructure, an important new security feature Updated GNOME and KDE coverage Written by Dee-Ann LeBlanc, award-winning author of numerous books and articles and author or coauthor of the popular previous editions of Linux For Dummies, this edition not only guides you step by step, it also includes an appendix of common Linux commands and a comprehensive index so you can find what you need to know without taking extra steps. The bonus DVD includes: The full, installable version of Fedora Core 3 and Knoppix ISO images (that will save hours of downloading time) for SUSE live, Mandrake full version, Xandros Open Circulation version, and Linspire full version If you want to explore the different distributions of Linux, this is the guide for you!

"This book was written as a lab guide to help individuals pass the RHCSA (EX200) and RHCE (EX300) exams"--Preface.

This IBM® Redpaper publication documents how to containerize and deploy SAP software into Red Hat OpenShift 4 Kubernetes clusters on IBM Power Systems by using predefined Red Hat Ansible scripts, different configurations, and theoretical knowledge, and it documents the findings through sample scenarios. This paper documents the following topics: Running SAP S/4HANA, SAP HANA, and SAP NetWeaver on-premises software in containers that are deployed in Red Hat OpenShift 4 on IBM Power Systems hardware. Existing SAP systems running on IBM Power Systems can be repackaged at customer sites into containers that use predefined Red Hat Ansible scripts. These containers can be deployed multiple times into Red Hat OpenShift 4 Kubernetes clusters on IBM Power Systems. The target audiences for this paper are Chief Information Officers (CIOs) that are interested in containerized solutions of SAP Enterprise Resource Planning (ERP) systems, developers that need containerized environments, and system administrators that provide and manage the infrastructure with underpinning automation. This paper complements the documentation that is available at IBM Knowledge Center, and it aligns with the educational materials that are provided by IBM Garage™ for Systems Education.

A guide to Linux covers such topics as logging in, compressing files, using the command line, scripting, and security.

Training and Exam Preparation Guide (EX200), First Edition

Deploying SAP Software in Red Hat OpenShift on IBM Power Systems

Service-Oriented Computing - ICSOC 2014 Workshops

The Linux Command Line, 2nd Edition

RHCSA and RHCE Cert Guide and Lab Manual

13th Congress, 2d Session-49th Congress, 1st Session

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).

The industry favorite Linux guide, updated for Red Hat Enterprise Linux 7 and the cloud Linux Bible, 9th Edition is the ultimate hands-on Linux user guide, whether you're a true beginner or a more advanced user navigating recent changes. This updated ninth edition covers the latest versions of Red Hat Enterprise Linux 7 (RHEL 7), Fedora 21, and Ubuntu 14.04 LTS, and includes new information on cloud computing and development with guidance on Openstack and Cloudforms. With a focus on RHEL 7, this practical guide gets you up to speed quickly on the new enhancements for enterprise-quality file systems, the new boot process and services management, firewalld, and the GNOME 3 desktop. Written by a Red Hat expert, this book provides the clear explanations and step-by-step instructions that demystify Linux and bring the new features seamlessly into your workflow. This useful guide assumes a base of little or no Linux knowledge, and takes you step by step through what you need to know to get the job done. Get Linux up and running quickly Master basic operations and tackle more advanced tasks Get up to date on the recent changes to Linux server system management Bring Linux to the cloud using Openstack and Cloudforms Linux Bible, 9th Edition is the one resource you need, and provides the hands-on training that gets you on track in a flash.

> Covers Red Hat Enterprise Linux 8 > Covers ALL official exam objectives for the RHCSA exam based on Red Hat Enterprise Linux 8 > Equally good for self-study and in-class training > 81 Step-by-Step exercises > 70 Do-It-Yourself Challenge Labs > 375 Check Your Understanding Questions & Answers > Concepts explained with diagrams > Commands and options summarized in tables > Exam tips included > 4 Unique Sample RHCSA Exams This book has 21 chapters that are organized logically. It covers the topics on local RHEL 8 installation; initial interaction with the system and basic commands; compression and archiving; file editing and manipulation; standard and special permissions; file searching and access controls; user monitoring and authentication files; users, groups, and password aging; bash shell features and startup files; processes and task scheduling; basic and advanced software administration techniques; system boot process and bootloader; kernel management and system initialization; logging and system tuning; basic and advanced storage management tools and solutions; local and remote file systems and swap regions; network device and connection configuration; time synchronization and hostname resolution; the secure shell service; and firewall and SELinux controls. Each chapter highlights the major topics and relevant exam objectives at the beginning, and ends with review questions & answers and Do-It-Yourself challenge labs. Throughout the book, figures, tables, screen shots, examples, and exam tips have been furnished to support explanation and exam preparation. This book includes four sample exams for RHCSA, which are expected to be done using the knowledge and skills attained from reading the material and practicing the exercises and challenge labs. The labs and the sample exams include references to relevant topics and/or exercises.

