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KEY=HAT - HARLEY VAZQUEZ

RHCSA & RHCE Red Hat Enterprise Linux 7: Training and Exam Preparation Guide (EX200 and EX300), Third Edition

Training and Exam Preparation Guide (EX200 and EX300)

Endeavor Technologies Inc. *Highlights: > Updated to the latest version of Red Hat Enterprise Linux 7 > Upated to cover ALL official exam objectives for the RHCSA and RHCE exams based on Red Hat Enterprise Linux 7 > Equally good for self-study and in-class training > Step-by-step exercises to accomplish tasks > Do-It-Yourself challenge labs at the end of each chapter > Concepts explained with diagrams > Commands and options summarized in tables > Exam tips included > FOUR scenario-based sample exams (TWO for RHCSA and TWO for RHCE) > TWENTY-FIVE chapters (THIRTEEN for RHCSA and TWELVE for RHCE) > Separate sections on RHCSA and RHCE RHCSA Section (chapters 1 to 13): covers local and network (automated with kickstart) RHEL7 installations, general Linux concepts and basic tools, compression and archiving, text file editing, file manipulation and security, processes and task scheduling, bash shell features, software package administration, yum repository configuration, host virtualization, virtual machines, system boot, kernel management, system initialization and service management with systemd, local logging, users and groups, LVM and file systems, AutoFS, Swap, ACLs, firewall, SELinux, network interfaces, NTP/LDAP clients, SSH, and TCP Wrappers. RHCE Section (chapters 14 to 25): covers shell scripting, interface bonding and teaming, IPv6 and routing configuration, NTP, firewalld, Kerberos authentication, kernel tuning, resource utilization reporting, network logging, block storage sharing with iSCSI, file sharing with NFS and Samba/CIFS, HTTP/HTTPS web servers and virtual hosting, Postfix mail SMTP, DNS, and MariaDB. Each chapter lists major topics and relevant exam objectives in the beginning and ends with a summary followed by review questions/answers and Do-It-Yourself challenge labs.*

Linux For Dummies

John Wiley & Sons *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 However, there's one scary term applied to them—outdated!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!*

Red Hat Linux Fedora For Dummies

John Wiley & Sons *Shows first-time Linux users how to install and use the latest version of the world's most popular Linux distribution, Red Hat Updated to cover the latest features in the Fall 2003 Red Hat release Gives readers the lowdown on navigating the GNOME graphical user interfaces, working with the OpenOffice.org Desktop Productivity Suite, connecting to the Internet with DSL or cable, setting up a firewall, and more, in a friendly, easy-to-understand style Contains new chapters on using the WINE system to execute Windows applications under Linux and creating a streaming audio server–plus new coverage of using Mozilla to access e-mail and configuring virtual private networks Includes the Red Hat Linux Fedora Publisher's Edition on one DVD*

Red Hat Enterprise Linux 8: Desktops and Administration

Surfing Turtle Press *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.*

Red Hat Enterprise Linux 7: Desktops and Administration

Surfing Turtle Press

Fedora 11 and Red Hat Enterprise Linux Bible

John Wiley & Sons *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.*

Linux Troubleshooting Bible

John Wiley & Sons ** An indispensable resource for Fedora users who must now work without customer support from Red Hat, Inc., covering critical troubleshooting techniques for networks, internal servers, and external servers * Chris Negus is a well-known Linux authority and also the author of the top-selling Red Hat Linux Bible (0-7645-4333-4); Thomas Weeks is a trainer and administrator who manages hundreds of Red Hat Linux systems * Covers all of the most common Fedora problem areas: firewalls, DNS servers, print servers, Samba, NFS, Web servers, FTP servers, e-mail servers, modems, adding hardware, and hardware certification * Features easy-to-use flowcharts that guide administrators step by step through common Fedora troubleshooting scenarios * A companion Web site offers troubleshooting updates to keep pace with the frequent Fedora Core releases as well as a forum for exchanging troubleshooting tips*

Professional Red Hat Enterprise Linux 3

John Wiley & Sons *What is this book about? Professional Red Hat Enterprise Linux 3 is a complete professional guide to setting up, configuring, and deploying Red Hat Enterprise Linux in the corporate production environment. The book focuses on Enterprise Server and Advanced Server features, including the key areas of high availability with the Red Hat Cluster Suite, Red Hat Network Control Center, and Red Hat Enterprise applications such as the Content Management System and portal server. Other key unique features include kernel tuning for various performance profiles; advanced Apache configuration; Tux installation/maintenance; building high-performance FTP servers; building high-performance mail servers (which means replacing Sendmail); Mailing list management; how to efficiently add, remove, or modify 100 users at the same time; and a discussion of disk quota management and monitoring. What does this book cover? The key features of the book include the following: How to install and setup RHEL 3 How to deploy RHEL 3 in production environment How to manage an RHEL system using Perl and shell scripting Advanced administration tools How to use Red Hat network service Details on installation and setup of security tools Ability to use and deploy High Availability solutions provided with RHEL 3 Performance tuning How to use monitoring tools Ability to use RHEL to provide scalable infrastructure solutions.*

Mastering Red Hat Enterprise Linux 3

John Wiley & Sons

The Official Samba-3 HOWTO and Reference Guide

Prentice Hall Professional *A guide to the features of Samba-3 provides step-by-step installation instructions on integrating Samba into a Windows or UNIX environment.*

Learning Red Hat Linux

"O'Reilly Media, Inc." *Explains how to install and configure Linux, how to run productivity tools, how to burn CDs and synchronize a PalmPilot, how to set up software, how to configure a network, and how to use the system administration tools.*

Maximum PC

Maximum PC is the magazine that every computer fanatic, PC gamer or content creator must read. Each and every issue is packed with punishing product reviews, insightful and innovative how-to stories and the illuminating technical articles that enthusiasts crave.

Dr. Linux : [Just what the doctor ordered! ; the complete documentation for all Linux distributions including Red Hat, Slackware and YGGDRASIL]

Learning Red Hat Enterprise Linux and Fedora

"O'Reilly Media, Inc." *Explains how to install and configure Linux, how to run productivity tools, how to burn CDs and synchronize a PalmPilot, how to set up software, how to configure a network, and how to use the system administration tools.*

Red Hat Enterprise Linux Troubleshooting Guide

Packt Publishing Ltd *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 tcpdump 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, tcpdump & 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.*

Beginning Fedora Desktop

Fedora 18 Edition

Apress *Beginning Fedora Desktop: Fedora 18 Edition is a complete guide to using the Fedora 18 Desktop Linux release as your daily driver for mail, productivity, social networking, and more. Author and Linux expert Richard Petersen delves into the operating system as a whole and offers you a complete treatment of Fedora 18 Desktop installation, configuration, and use. You'll discover how to install Fedora 18 Desktop on any hardware, learn which applications perform which functions, how to manage software updates, tips and tricks for the GNOME 3 and KDE desktops, useful shell commands, and both the Fedora administration and network tools. Get the most out of Fedora 18 Desktop -- including free Office suites, editors, e-book readers, music and video applications and codecs, email clients, Web and FTP browsers, microblogging and IM applications -- with a copy of Beginning Fedora Desktop: Fedora 18 Edition at your side. What you'll learnhow to install Fedora 18 Desktop on any hardwarethe available GUI choices, including KDE, GNOME, and alternative desktop environmentshow to use word processors, spreadsheets, presentation, and e-mail softwarehow to maintain your system and back it uphow to participate in social networks using open source clientsWho this book is for Beginning Fedora Desktop: Fedora 18 Edition is for novice to intermediate users who are looking to install Fedora 18 as their primary computing environment. Table of Contents Fedora 18 Introduction Installation and Upgrade Usage Basics: Login, Desktop, and Help Installing and Updating Software: YUM, PackageKit, and RPM Office Applications and Editors Graphics and Multimedia Mail (E-mail) and News Internet Applications: Web and FTP Social Networking: Microblogging, IM, VoIP, and Social Desktop GNOME 3 The K Desktop Environment: KDE Shells Additional Desktops Fedora System Tools System Administration Network Configuration Printing*

A Practical Guide to Red Hat Linux 8

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

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

Endeavor Technologies Inc. *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.*

Red Hat Fedora Linux Secrets

John Wiley & Sons *Featuring the latest changes in Fedora Core, this book offers valuable new secrets for Fedora users, including yum, mail filtering with SpamAssassin, mandatory access control with Security Enhanced Linux (SELinux), and improved device handling with udev Demonstrates how to use Linux for real-world tasks, from learning UNIX commands to setting up a secure Java-capable Web server for a business Because Fedora Core updates occur frequently, the book contains a helpful appendix with instructions on how to download and install the latest release of Fedora Core The DVD contains the Fedora distribution as well as all binary code packages and source code*

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A Practical Guide to Fedora and Red Hat Enterprise Linux

Pearson Education *A step-by-step guide to Fedora and Red Hat Enterprise Linux covers such topics as the shell, networking, system administration, setting up servers, and programming tools.*

LINUX CLEARLY EXPLAINED

Elsevier *LINUX CLEARLY EXPLAINED*

Red Hat Linux Unleashed

Sams *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.*

IBM PowerVC Version 2.0 Introduction and Configuration

IBM Redbooks *IBM® Power Virtualization Center (IBM® PowerVCTM) is an advanced enterprise virtualization management offering for IBM Power Systems. This IBM Redbooks® publication introduces IBM PowerVC and helps you understand its functions, planning, installation, and setup. It also shows how IBM PowerVC can integrate with systems management tools such as Ansible or Terraform and that it also integrates well into a OpenShift container environment. IBM PowerVC Version 2.0.0 supports both large and small deployments, either by managing IBM PowerVM® that is controlled by the Hardware Management Console (HMC), or by IBM PowerVM NovaLink. With this capability, IBM PowerVC can manage IBM AIX®, IBM i, and Linux workloads that run on IBM POWER® hardware. IBM PowerVC is available as a Standard Edition, or as a Private Cloud Edition. IBM PowerVC includes the following features and benefits: Virtual image capture, import, export, deployment, and management Policy-based virtual machine (VM) placement to improve server usage Snapshots and cloning of VMs or volumes for backup or testing purposes Support of advanced storage capabilities such as IBM SVC vdisk mirroring of IBM Global Mirror Management of real-time optimization and VM resilience to increase productivity VM Mobility with placement policies to reduce the burden on IT staff in a simple-to-install and easy-to-use graphical user interface (GUI) Automated Simplified Remote Restart for improved availability of VMs ifor when a host is down Role-based security policies to ensure a secure environment for common tasks The ability to enable an administrator to enable Dynamic Resource Optimization on a schedule IBM PowerVC Private Cloud Edition includes all of the IBM PowerVC Standard Edition features and enhancements: A self-service portal that allows the provisioning of new VMs without direct system administrator intervention. There is an option for policy approvals for the requests that are received from the self-service portal. Pre-built deploy templates that are set up by the cloud administrator that simplify the deployment of VMs by the cloud user. Cloud management policies that simplify management of cloud deployments. Metering data that can be used for chargeback. This publication is for experienced users of IBM PowerVM and other virtualization solutions who want to understand and implement the next generation of enterprise virtualization management for Power Systems. Unless stated otherwise, the content of this publication refers to IBM PowerVC Version 2.0.0.*

IBM System Storage DS8000: Host Attachment and Interoperability

IBM Redbooks *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.*

IBM FlashSystem A9000, IBM FlashSystem A9000R, and IBM XIV Storage System: Host Attachment and Interoperability

IBM Redbooks *This IBM® Redbooks® publication provides information for attaching the IBM FlashSystem® A9000, IBM FlashSystem A9000R, and IBM XIV® Storage System to various host operating system platforms, such as IBM AIX® and Microsoft Windows. This publication was last updated in May 2019 to cover the VLAN tagging and port trunking support available with software version 12.3.2 (see in particular section 2.4, "VLAN tagging" on page 67. The goal is to give an overview of the versatility and compatibility of the IBM SpectrumTM Accelerate family of storage systems with various platforms and environments. The information that is presented here is not meant as a replacement or substitute for the IBM Storage Host Attachment Kit publications or other product publications. It is meant as a complement and to provide usage guidance and practical illustrations. This publication does not address attachments to a secondary system used for Remote Mirroring or data migration. These topics are covered in IBM FlashSystem A9000 and IBM FlashSystem A9000 and A9000R Business Continuity Solutions, REDP-5401.*

Service-Oriented Computing - ICSOC 2014 Workshops

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

Springer *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.*

CentOS Bible

John Wiley & Sons *Authoritative guide to a rapidly growing Linux distribution This is one of the first, if not the first comprehensive guide to the CentOS Linux operating system. Linux guru Tim Bornoczyzk, thoroughly covers the topic whether you're a Linux novice or a regular who now wants to master this increasingly popular distribution. First find out how to install and configure CentOS. From there, you'll cover a wealth of Linux and CentOS tools, functions, and techniques, including: how to work in the GNOME and KDE desktop environments; how to use the Linux shell, file system, and text editor; how to configure CUPS printers, Samba for file and printer sharing and other features using GUI tools; and more. CentOS (Community ENTerprise Operating System) is a Linux operating system maintained by a small team of core developers based on Red Hat Enterprise Linux (RHEL) Lead author Christopher Negus is the bestselling Linux author of such books as Fedora 10 and Red Hat Enterprise Linux Bible and Linux 2009 Edition Bible; he is also a member of the Red Hat Enterprise Linux training team Tech edited by key member of the CentOS development team, Ralph Angenendt, and foreword written by lead CentOS developer, Karanbir Singh. Learn how to set up users, automate system tasks, back up and restore files, and prepare for the latest security issues and threats; also learn how to use and customize the desktop menus, icons, window manager, and xterm; and how to create and publish formatted documents Explores available Linux multimedia applications for graphics, audio, video and CD burning The DVD includes complete copy of the most current CentOS Distribution – CentOS 5.3 For getting the most out of CentOS Linux, this is the book you need to succeed. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.*

Linux Desktop Pocket Guide

Advice for Running Five Popular Distributions on a Desktop Or Laptop

"O'Reilly Media, Inc." *While Mac OS X garners all the praise from pundits, and Windows XP attracts all the viruses, Linux is quietly being installed on millions of desktops every year. For programmers and system administrators, business users, and educators, desktop Linux is a breath of fresh air and a needed alternative to other operating systems. The Linux Desktop Pocket Guide is your introduction to using Linux on five of the most popular distributions: Fedora, Gentoo, Mandriva, SUSE, and Ubuntu. Despite what you may have heard, using Linux is not all that hard. Firefox and Konqueror can handle all your web browsing needs; GAIM and Kopete allow you to chat with your friends on the AOL, MSN, and Yahoo! networks; and the email programs Evolution and Kontact provide the same functionality as Microsoft Outlook, with none of the cost. All of these programs run within the beautiful, feature-packed, and easy-to-use GNOME or KDE desktop environments. No operating system truly "just works," and Linux is no exception. Although Linux is capable of running on most any computing hardware that Microsoft Windows can use, you sometimes need to tweak it just a little to make it work the way you really want. To help you with this task, Linux Desktop Pocket Guide covers essential topics, such as configuring your video card, screen resolution, sound, and wireless networking. And laptop users are not left out--an entire section is devoted to the laptop issues of battery life, sleep, and hibernate modes.*

Mastering?Fedora?Core 5

John Wiley & Sons *Provides information on using Fedora Core 5 as a network or a desktop operating system, covering such toipcs as the command-line interface, administering users and groups, networking with TCP/IP, and creating a local update repository.*

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IBM XIV Storage System: Host Attachment and Interoperability

IBM Redbooks *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.*

Security Strategies in Linux Platforms and Applications

Jones & Bartlett Publishers "The Second Edition of Security Strategies in Linux Platforms and Applications opens with a discussion of risks, threats, and vulnerabilities. Part 2 discusses how to take advantage of the layers of security and the modules associated with AppArmor and SELinux. Part 3 looks at the use of open source and proprietary tools when building a layered security strategy"--

Security Strategies in Linux Platforms and Applications

Jones & Bartlett Publishers PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES! Security Strategies in Linux Platforms and Applications covers every major aspect of security on a Linux system. Written by an industry expert, this book is divided into three natural parts to illustrate key concepts in the field. It opens with a discussion on the risks, threats, and vulnerabilities associated with Linux as an operating system using examples from Red Hat Enterprise Linux and Ubuntu. Part 2 discusses how to take advantage of the layers of security available to Linux—user and group options, filesystems, and security options for important services, as well as the security modules associated with AppArmor and SELinux. The book closes with a look at the use of both open source and proprietary tools when building a layered security strategy for Linux operating system environments. Using real-world examples and exercises, this useful resource incorporates hands-on activities to walk students through the fundamentals of security strategies related to the Linux system.

Red Hat Linux 9 Unleashed

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

Installation, Upgrade, and Configuration of IBM Cognos Analytics

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

BPB Publications 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

LPI Linux Essentials Study Guide

Exam 010 v1.6

John Wiley & Sons Provides a solid foundation for those considering a career in IT—covers the objectives of the new Linux Essentials Exam 010-160 v1.6 Linux is a secure, reliable, open source alternative to costly operating systems such as Microsoft Windows. As large organizations worldwide continue to add Linux servers, the need for IT professionals skilled in Linux continues to grow. The LPI Linux Essentials Study Guide is a valuable resource for anyone preparing to take the new Linux Essentials Exam—the entry-level certification from The Linux Professional Institute (LPI) which validates knowledge of Linux concepts and applications. Written by recognized experts on Linux and open source technologies, this accessible, user-friendly guide covers desktop skills, the command line, directories and files, networks, scripting, security, users and permissions, and much more. Clear, concise chapters provide numerous hands-on tutorials, real-world examples, color illustrations, and practical end-of-chapter exercises and review questions. An ideal introduction for those new to Linux or considering a career in IT, this guide helps readers: Learn the operation and components of Linux desktops and servers Understand open source software, licensing, and applications Configure networks, security, cloud services, storage, and devices Create users and groups and set permissions and ownership Use the command line and build automation scripts LPI Linux Essentials Study Guide: Exam 010 v1.6 is perfect for anyone beginning a career in IT, newcomers to Linux, students in computer courses, and system administrators working with other operating systems wanting to learn more about Linux and other open source solutions.

Fedora Core 7 & Red Hat Enterprise Linux: The Complete Reference

McGraw Hill Professional The Definitive Linux Resource--Fully Updated and Expanded Get full details on the powerful features of Red Hat Enterprise Linux and Fedora 7 from this fully revised, one-stop guide. Linux expert Richard Petersen covers all the bases, from configuring your desktop, customizing your system, and accessing software repositories to handling files and directories, managing devices and servers, and sharing system resources. Inside, you'll get in-depth coverage of Fedora 7's device and network autoconfiguration, IPv6 and .NET support, SE Linux, software repository installs, custom distribution spins, and system administration tools. You'll learn how to deploy sound security measures, configure automatic device detection, set up logical volumes for file management, and create your own Fedora distribution using your favorite software. Install, use, secure, and manage Red Hat Enterprise Linux and the new Fedora 7 Configure services using Fedora administration tools for network access, software updates, and file management (LVM and GFS2) Manage users, services, file systems, hotplug devices, and printers Deploy powerful desktop, office, database, graphics, multimedia, e-mail, Web, and FTP applications Optimize security with IPsec, SE Linux, Kerberos, and Netfilter Maintain FTP, Web, mail, DNS, proxy, print, news, and database servers Administer system resources using GRUB, Yum, HAL, MONO, and udev Select, download, and install a Fedora distribution spin Auto-configure IPv6, DHCPv6, and DHCP networks Access remote files and printers with NFS, GFS2, and SAMBA

POWER8 High-performance Computing Guide IBM Power System S822LC (8335-GTB) Edition

IBM Redbooks This IBM® Redbooks® publication documents and addresses topics to provide step-by-step customizable application and programming solutions to tune application and workloads to use IBM Power SystemsTM hardware architecture. This publication explores, tests, and documents the solution to use the architectural technologies and the software solutions that are available from IBM to help solve challenging technical and business problems. This publication also demonstrates and documents that the combination of IBM high-performance computing (HPC) solutions (hardware and software) delivers significant value to technical computing clients who are in need of cost-effective, highly scalable, and robust solutions. First, the book provides a high-level overview of the HPC solution, including all of the components that makes the HPC cluster: IBM Power System S822LC (8335-GTB), software components, interconnect switches, and the IBM SpectrumTM Scale parallel file system. Then, the publication is divided in three parts: Part 1 focuses on the developers, Part 2 focuses on the administrators, and Part 3 focuses on the evaluators and planners of the solution. The IBM Redbooks publication is targeted toward technical professionals (consultants, technical support staff, IT Architects, and IT Specialists) who are responsible for delivering cost-effective HPC solutions that help uncover insights from vast amounts of client's data so they can optimize business results, product development, and scientific discoveries.

Implementing an IBM High-Performance Computing Solution on IBM Power System S822LC

IBM Redbooks This IBM® Redbooks® publication demonstrates and documents that IBM Power SystemsTM high-performance computing and technical computing solutions deliver faster time to value with powerful solutions. Configurable into highly scalable Linux clusters, Power Systems offer extreme performance for demanding workloads such as genomics, finance, computational chemistry, oil and gas exploration, and high-performance data analytics. This book delivers a high-performance computing solution implemented on the IBM Power System S822LC. The solution delivers high application performance and throughput based on its built-for-big-data architecture that incorporates IBM POWER8® processors, tightly coupled Field Programmable Gate Arrays (FPGAs) and accelerators, and faster I/O by using Coherent Accelerator Processor Interface (CAPI). This solution is ideal for clients that need more processing power while simultaneously increasing workload density and reducing datacenter floor space requirements. The Power S822LC offers a modular design to scale from a single rack to hundreds, simplicity of ordering, and a strong innovation roadmap for graphics processing units (GPUs). This publication is targeted toward technical professionals (consultants, technical support staff, IT Architects, and IT Specialists) responsible for delivering cost effective high-performance computing (HPC) solutions that help uncover insights from their data so they can optimize business results, product development, and scientific discoveries