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# Rhce 6 Study Guide

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Rhct Red Hat Certified  
Technician Linux Study Guide  
(exam Rh202) John Wiley &  
Sons

RHCSA/RHCE Red Hat Linux  
Certification Study Guide,  
Seventh Edition (Exams EX200  
& EX300) McGraw Hill  
Professional

C++ Programming for  
DUMMIES Asghar Ghori  
Provides just what administrators  
need to configure, manage,  
maintain, and upgrade a Red Hat  
Enterprise Linux (RHEL) system  
Red Hat is the most popular  
Linux distribution, with 70  
percent of the U.S. market;

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RHEL subscriptions climbed to 87,000 during the quarter ending February 2004—up 85 percent. Covers all four RHEL versions—Desktop, Workstation, Enterprise Server, and Application Server. Delivers the lowdown on the X Window System, printer configuration, Samba, Internet server set up, administration of users and groups, backups and file restoration, and security.

### RHCE Pearson IT

#### Certification

By offering the new Service Routing Certification Program, Alcatel-Lucent is extending their reach and knowledge to networking professionals with a comprehensive demonstration of how to build smart, scalable networks. Serving as a course in a book from Alcatel-Lucent—the world leader in designing and developing scalable systems—this resource pinpoints the pitfalls to

avoid when building scalable networks, examines the most successful techniques available for engineers who are building and operating IP networks, and provides overviews of the Internet, IP routing and the IP layer, and the practice of opening the shortest path first.

John Wiley and Sons  
Red Hat

RHCE®/RHCSA(tm) 7  
Cert Guide has a single goal: to help you pass the newest versions of Red Hat's RHCE and RHCSA exams for Red Hat Enterprise Linux 7. The most comprehensive and time-efficient RHCE 7 / RHCSA 7 prep guide available, it's an extraordinarily

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cost-effective alternative to expensive training. Authored by a leading Red Hat trainer, consultant, and speaker, it presents focused, straightforward-to-the-point coverage of every exam topic. Coverage includes: RHCSA: RHEL 7 Server installation, tools, file/folder management, text files, connectivity, users/groups, permissions, networking, processes, VMs, software installation, tasks, logging, partitions, LVMs,

kernel management, Kickstart, boot procedures/troubleshooting, HTTP, SELinux, firewalls, FTP, and NTP RHCE: Connecting to iSCSI SANs, performance reporting, server optimization, log servers, routing configuration, authentication, command-line firewall management, SELinux services, web services, DNS, FTP, NFS, SMB, SMTP, SSH, and NTP From start to finish, this guide is organized to help you focus your study time where you need the most help, so you can retain more, and

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earn higher scores. thoroughly  
It offers: Step-by- explaining concepts  
step chapter labs and theory, and  
to help you linking them to  
practice what real-world  
you've just learned configurations and  
Pre-exam commands Key Topics  
theoretical exam to icons flagging  
help you decide if every figure,  
you're ready for table, or list you  
the real exam Four absolutely must  
realistic sample understand and  
exams (2 RHCE, 2 remember End of  
RHCSA) delivered chapter Glossary  
through Pearson's terms Chapter-  
state-of-the-art ending Exam  
PCPT test engine Preparation  
Pre-chapter "Do I sections delivering  
Know This Already" even more exercises  
(DIKTA) quizzes to and troubleshooting  
assess your scenarios Note:  
knowledge of each This guide is an  
chapter's content, ideal printed  
so you can decide complement for  
how much time to those studying with  
spend on each our brand-new RHCSA  
section Foundation Complete Video  
Topics sections Course or RHCE

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Complete Video Course.

RHCSA/RHCE Red Hat Linux Certification Practice Exams with Virtual Machines (Exams EX200 & EX300)

Pearson IT Certification Trust the best-selling Cert Guide series from Pearson IT Certification to help you learn, prepare, and practice for exam success. Cert Guides are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. Master Red Hat RHCSA (EX200) and RHCE (EX300) exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks Test yourself with 4 practice exams (2 RHCSA and 2 RHCE) Gain expertise and knowledge using the companion website, which contains over 40 interactive exercises, 4 advanced CLI simulations, 40

interactive quizzes and glossary quizzes (one for each chapter), 3 virtual machines and more. Red Hat RHCSA/RHCE 7 Cert Guide presents you with an organized test preparation routine through the use of proven series elements and techniques. “ Do I Know This Already? ” quizzes open each chapter and allow you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending labs help you drill on key concepts you must know thoroughly. Red Hat RHCSA/RHCE 7, Premium Edition eBook and Practice Test focuses specifically on the objectives for the newest Red Hat RHCSA (EX200) and RHCE (EX300) exams reflecting Red Hat Enterprise Linux 7. Expert Linux trainer and consultant Sander van Vugt shares preparation hints and test-taking tips, helping you identify areas of weakness

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and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. Well-regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will allow you to succeed on the exam the first time. This study guide helps you master all the topics on the new RHCSA (EX200) and RHCE (EX300) exams, including Part 1: RHCSA Basic System Management: Installation, tools, text files, server connections; user, group, and permissions management; network configuration Operating Running Systems: Process management, VMs, package installation, task scheduling, logging, managing partitions

and LVM logical volumes  
Advanced System Administration: Basic kernel management, basic Apache server configuration, boot procedures/troubleshooting  
Managing Network Services: Using Kickstart; managing SELinux; configuring firewalls, remote mounts, FTP, and time services  
Part 2: RHCE System Configuration/ Management: External authentication/authorization, iSCSI SANs, performance reporting, optimization, logging, routing/advanced networking, Bash scripting  
System Security: Configuring firewalls, advanced Apache services, DNS, MariaDB, NFS, Samba, SMTP, SSH, and time synchronization  
[CompTIA Linux+ Guide to Linux Certification](#) \*Red Hat  
Don ' t Let the Real Test Be Your First Test!  
RHCSA/RHCE Red Hat

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Linux Certification Practice Exams with Virtual Machines (Exams EX200 & EX300) features 100+ hands-on labs, four complete practice exams, and three virtual machines. To help you understand the material, the labs and practice exams are accompanied by in-depth answer explanations. This practical guide covers all official objectives for Exams EX200 and EX300 and is the perfect companion to RHCSA/RHCE Red Hat Linux Certification Study Guide, Sixth Edition. Covers all exam topics, including: Virtual Machines and Automated Installations • Fundamental Command Line Skills • RHCSA-Level Security Options • The Boot Process • Linux Filesystem Administration • Package Management • User Administration •

RHCSA-Level System Administration Tasks • Security • System Services and SELinux • RHCE Administrative Tasks • Electronic Mail Servers • The Apache Web Server • The Samba File Server • More File-Sharing Services • Administrative Services: DNS, FTP, and Logging Includes three virtual machines preloaded with: Two RHCSA practice exams Two RHCE practice exams 100+ hands-on labs In order to take advantage of the virtual machines that accompany this book you will need a 64-bit system with hardware virtualization enabled as well as RHEL 6 or its equivalent. [Ubuntu Certified Professional Study Guide \(Exam LPI 199\)](#) McGraw-Hill Education From the #1 Name in Professional Certification Get on the fast track to becoming

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CompTIA Linux+ certified with this affordable, portable study tool. Inside, Linux expert Michael Jang guides you on your career path, providing expert tips and sound advice along the way. With an intensive focus on only what you need to know to pass the CompTIA Linux+ exam, this certification passport is your ticket to success on exam day.

Featuring: Itineraries--List of official exam objectives covered ETAs--Amount of time needed to complete each lesson Travel Advisories--Expert advice on critical topics Local

Lingo--Concise definitions of key terms and concepts Exam

Tips--Common exam pitfalls and solutions Checkpoints--End-of-

chapter questions, answers, and explanations Career Flight

Path--Career options mapped out to maximize the return from your

IT journey Practice exam on CD powered by LearnKey

Hands-on Guide to the Red Hat Exams Pearson It

Certification

This book addresses the web services arena with a specific

agenda of providing information right from covering the fundamental aspects to its deployment and implementation issues. The content is introductory in nature, and covers not only the technology aspects, but also highlights the application scenarios across the industry. In order to illustrate the potential of web services, a case study exemplifying the Financial and Banking Services industry has been chosen for presentation the book.

[RHCSA/RHCE Red Hat Linux Certification Study Guide, Sixth Edition](#) McGraw

Hill Professional

Leverage the power of Ansible to gain complete control over

your systems and automate application deployment Key

Features Use Ansible 2.9 to automate and control your

infrastructure Delve into

advanced functionality such as

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plugins and custom modules in Ansible Automate and orchestrate major cloud platforms such as OpenStack, AWS, and Azure using Ansible

**Book Description** Ansible enables you to automate software provisioning, configuration management, and application roll-outs, and can be used as a deployment and orchestration tool. While Ansible provides simple yet powerful features to automate multi-layer environments using agentless communication, it can also solve other critical IT challenges, such as ensuring continuous integration and continuous deployment (CI/CD) with zero downtime. In this book, you'll work with Ansible 2.9 and learn to solve complex issues quickly with the help of task-oriented scenarios. You'll start by installing and configuring Ansible on Linux and macOS to automate monotonous and repetitive IT tasks and get to grips with concepts such as playbooks, inventories, and network modules. As you progress, you'll gain insight into the YAML syntax and learn how to port between Ansible versions. In addition to this, you'll also understand how Ansible enables you to orchestrate multi-layer environments such as networks, containers, and the cloud. By the end of this Ansible book, you'll be well - versed in writing playbooks and other related Ansible code to overcome just about all of your IT challenges, from infrastructure-as-code provisioning to application deployments, and even handling the mundane day-to-day maintenance tasks that take up so much valuable time. What you will learn

Become familiar with the fundamentals of the Ansible framework Set up role-based variables and dependencies Avoid common mistakes and pitfalls when

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writing automation code in Ansible  
Extend Ansible by developing your own modules and plugins  
Contribute to the Ansible project by submitting your own code  
Follow best practices for working with cloud environment inventories  
Troubleshoot issues triggered during Ansible playbook runs  
Who this book is for  
If you are a DevOps engineer, administrator, or any IT professional looking to automate IT tasks using Ansible, this book is for you.  
Prior knowledge of Ansible is not necessary.

The Linux Command Line  
Tata McGraw-Hill Education

Get the book that shows you not only what but how to study.- 100% Complete Coverage of all official objectives for exam RH202.- Exam Readiness checklist at the front of the book you re ready for the

exam when all objectives on the list are checked off- Real-World Exercises Step-by-step instruction modeled after the hands on RHCT exam questions- Inside the Exam sections highlight key exam topics covered and how to answer questions correctly- Lab questions match the format, tone, topics, and difficulty of the real exam- Money-saving tips explain how you can study for the exam without buying Red Hat Enterprise Linux RHCSA/RHCE Red Hat Enterprise Linux 8 Certification Study Guide, 8th Edition (Exams EX200 & EX294) John Wiley & Sons  
Highlights: > Updated to the latest version of Red Hat Enterprise Linux 7 > Updated to cover ALL official exam objectives for

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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,

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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.

DevOps Troubleshooting Apress  
Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Take the latest editions of the challenging RHCSA and RHCE certification exams with confidence This comprehensive self-study guide clearly explains what you need to know—and gets you fully prepared—for the RHCSA and RHCE certification exams. Written by a pair of Linux

certification experts and experienced authors, this new edition has been thoroughly revised for Red Hat Enterprise Linux 8 and provides complete coverage of all exam objectives. RHCSA/RHCE Red Hat Enterprise Linux 8 Certification Study Guide, Eighth Edition (Exams EX200 & EX294) is an integrated study system based on proven pedagogy. Each chapter includes step-by-step exercises, special “ Exam Watch ” and “ On the Job ” sidebars, “ Two-Minute Drills, ” self-tests, and hands-on lab questions. The companion website contains searchable glossaries, downloadable virtual machine files, four complete lab-based practice exams (two for each exam), and 100+ lab-based exercises with answers and explanations. Features 100+ lab-based exercises with answers and in-depth explanations Online content includes four complete lab-based practice exams—two for RHSCA and two for RHCE Written by a pair of Linux certification experts  
CompTIA Linux+ Complete

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## Study Guide Authorized

Courseware Addison-Wesley

This is the eBook version of the print title. Learn, prepare, and practice for Red Hat RHCSA 8

(EX200) exam success with this

Cert Guide from Pearson IT

Certification, a leader in IT

Certification learning. Master

Red Hat RHCSA 8 EX200

exam topics Assess your

knowledge with chapter-ending

quizzes Review key concepts

with exam-preparation tasks

Practice with four unique

practice tests Learn from two full

hours of video training from the

author ' s Red Hat Certified

System Administrator (RHCSA)

Complete Video Course, 3rd

Edition. Red Hat RHCSA 8

Cert Guide is a best-of-breed

exam study guide. Leading Linux

consultant, author, and instructor

Sander van Vugt shares

preparation hints and test-taking

tips, helping you identify areas of

weakness and improve both your

conceptual knowledge and hands-

on skills. Material is presented in

a concise manner, focusing on

increasing your understanding

and retention of exam topics.

The book presents you with an organized test-preparation

routine through the use of proven series elements and techniques.

Exam topic lists make referencing easy. Chapter-ending Exam

Preparation Tasks help you drill on key concepts you must know

thoroughly. Review questions help you assess your knowledge,

and a final preparation chapter guides you through tools and

resources to help you craft your final study plan. Well regarded

for its level of detail, assessment features, and challenging review

questions and exercises, this study guide helps you master the

concepts and techniques that will enable you to succeed on the

exam the first time, including Basic system management:

Installation, tools, file management, text files, RHEL8

connections, user/group management, permissions, and

network configuration Operating running systems: Managing

software, processes, storage, and advanced storage; working with

systemd; scheduling tasks; and configuring logging Advanced

system administration: Managing

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the kernel and boot procedures, essential troubleshooting, bash shell scripting Managing network services: Configuring SSH, firewalls, and time services; managing Apache HTTP services and SE Linux; and accessing network storage

Exams LX0-101 and LX0-102 Packt Publishing Ltd

Study the material in this book to prepare for the RHCE exam EX294 and to learn how using Ansible within your own environment improves system administration productivity. This book covers all of the objectives of the exam and extends further, ensuring that you know how to use Ansible to manage Linux. The book uses CentOS, a Red Hat-based distribution, and Ubuntu instead of using a single Red Hat distribution. By using the two

distributions, you will understand the power of Ansible and how easily you can deal with multiple platforms, which is crucial for your understanding of Ansible in the real world.

The book assumes no previous knowledge of Ansible but some knowledge of Linux system administration from the command line. You will learn how to manage Linux systems that are installed with different distributions, including CentOS Enterprise Linux 8 and Ubuntu 18.04. You will be able to manage these systems using ad hoc commands from the command line as well as creating Ansible playbooks that can be replayed reliably many times. To save on the code that you have to create, you will learn how to use Ansible Galaxy to search for

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and download roles and collections that are pre-written to manage elements of your Linux installations. By the end of this book, you will be able to write efficient and effective YAML playbooks to manage your entire estate. What You Will Learn Prepare systems so that password-less access can be used with Ansible remotely Use ad hoc commands to quickly configure systems Use and format YAML files correctly Create playbooks that grow in their complexity as your experience develops Ensure that services are restarted on configuration changes Who This Book Is For Those who want to prepare for the RHCE exam EX294 and readers who want to learn how to use Ansible to improve the productivity of their system administration.

This book will help you prepare yourself for the exam as well as your real-life administration needs. Red Hat RHCSA 8 Cert Guide Asghar Ghori  
\* 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

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optimizing standard network services, such as file and print services, and Internet-related servers, such as the Apache Web server

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RHCSA and RHCE Cert Guide and Lab Manual

Pearson It Certification

The must-have guide to the CWTS exam, updated for 2017 CWTS Certified Wireless Technology Specialist Study Guide is your number-one resource for comprehensive exam preparation. Updated to study in 2017 and beyond,

this book takes a multi-modal approach to ensure your complete confidence and ability for the big day: full coverage of all CWTS exam objectives reinforces your conceptual knowledge, hands-on exercises help hone your practical skills, and the Sybex online learning environment provides flashcards, a glossary, and review questions to help you test your understanding along the way. An objective map and pre-assessment test allow for more efficient preparation by showing you what you already know and what you need to review—and the companion website's complete practice exams give you a "dry run" so you can pinpoint weak areas while there's still time to improve. If you're serious about earning your CWTS certification, this book is

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your ideal companion for complete and thorough preparation. Learn critical concepts and apply essential skills in areas like hardware and software, radio frequency fundamentals, surveying and installation, support, troubleshooting, security, and more. This guide gives you everything you need to approach the exam with confidence.

Master 100 percent of the CWTS exam objectives Use effective planning tools to get the most out of your study time Practice your skills with hands-on exercises and real-world scenarios Access online study aids that let you review any time, any place The CWTS certification gets your foot in the door of a growing industry, and is a stepping stone to the industry standard CWNP certification. The exam will

test your abilities in all fundamental areas of Wi-Fi technology, so it's important that your study plan be complete and up-to-date. CWTS Certified Wireless Technology Specialist Study Guide is your ideal solution for comprehensive preparation.

Red Hat Certified Engineer (RHCE) Study Guide Sybex The best fully integrated study system available (Exams EX200 and EX300) With hundreds of review questions and complete coverage of performance-based requirements, RHCSA/RHCE Red Hat Linux Certification Study Guide, Sixth Edition covers what you need to know--and shows you how to prepare--for these challenging exams. 100% complete coverage of all official objectives for Exams

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EX200 and EX300 Exam Readiness Checklist--you're ready for the exam when all objectives on the list are checked off Inside the Exam sections in every chapter highlight key exam topics covered Two-Minute Drills for quick review 100+ lab questions--two full lab-based RHCSA exams and two full lab-based RHCE exams--match the format, tone, topics, and difficulty of the real exam Covers all the exam topics, including: Virtual Machines and Automated Installations \* Fundamental Command Line Skills \* RHCSA-Level Security Options \* The Boot Process \* Linux Filesystem Administration \* Package Management \* User Administration \* RHCSA-Level System Administration \* RHCE Security \* System Services and SELinux \*

RHCE Administration \* Mail Servers \* Samba \* File Sharing \* DNS, FTP, and Logging CD-ROM includes: Complete lab-based exam preparation, featuring: Two full RHCSA practice exams Two full RHCE practice exams Lab-based chapter self tests In-depth answer explanations for all labs RHCSA and RHCE Glossary PDF copy of the book for studying on the go Michael Jang, RHCE, LPIC-2, UCP, LCP, MCP, is the author of three previous bestselling editions of RHCE Red Hat Certified Engineer Linux Study Guide and several other books on Linux and professional certification. Red Hat Enterprise Linux 4 For Dummies Packt Publishing Ltd The CompTIA Linux+ /LPIC-1 Training and Exam Preparation Guide, First Edition is a comprehensive resource designed

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and written with one fundamental goal in mind: teach Linux in an easy and practical manner while preparing for the Linux+ /LPIC-1 exams. This book provides an in-depth coverage of all official exam objectives. This book is organized in two parts: Part One covers LX0-103/101-400 exam objectives and Part Two covers LX0-104/102-400 exam objectives. The book includes hands-on examples, step-by-step exercises, chapter-end review of concepts, files, and commands learned, and 790 challenging practice questions. This book uses "learn-by-doing" methodology. It begins with guidance on how to download a virtualization software and two Linux distribution versions and then provides instructions on how to create VMs and install Linux in them to set up a lab environment for hands-on learning. Throughout the book, appropriate command prompts are employed to identify the lab system and user to run a command. Each command and task presented in the book was

actually performed and tested on lab systems. Followed by the lab environment setup in Part One, the book presents the essentials of Linux incl. interaction with Linux, basic commands, file management (permissions, ownership, linking, searching, special permissions, editing), filter programs, regex, shell features, and process handling. Subsequent topics focus on system administration incl. shared libraries, Debian and RPM package management, system boot and initialization, hardware management, kernel modules, storage partitioning, file system creation and repairs, quota handling, and swap space administration. This brings Part One to an end and you should be able to take the quiz in Appendix A to test your readiness for the LX0-103/101-400 exam. Part Two covers all the objectives for the LX0-104/102-400 exam. It covers shell scripts with a presentation and line-by-line analysis of several scripts. Building a simple SQL database and performing queries comes next. A detailed comprehension

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of local authentication files, user creation, password aging, and shell startup files follows. The book covers networking concepts, reference models, and terms that accompany exercises on interface configuration, hostname change, and route management. A discussion of network testing and debugging tools is furnished and their usage is demonstrated, followed by topics on internationalization, localization, time synchronization, name resolution, X Window, display/desktop managers, accessibility options, printer and print queue administration, task scheduling, system logging, system and service access controls, emailing and email aliasing, searching for special files, and so on. This brings Part Two to an end and you should be able to take the quiz in Appendix C to test your readiness for the LX0-104/102-400 exam. Highlights: \* 100% coverage of ALL official exam objectives (version 4.0) \* Enumerated and descriptive knowledge areas (under exam objectives) to assist in identifying and locating them \*

A summarized and convenient view showing exam objectives, chapters they are discussed in, associated weights, the number of questions to expect on the real exam, and other useful information \* Separate section on each exam \* 15 chapters in total (8 for LX0-103/101-400 and 7 for LX0-104/102-400) \* Detailed guidance on building lab environment \* 49 tested, hands-on exercises with explanation \* Numerous tested, practical examples for clarity and understanding \* Chapter-end one-sentence review of key topics \* 790 single-response, multiple-response, and fill-in-the-blank practice questions/answers to test your knowledge of the material and exam readiness \* Equally good for self-study and in-class training

## Red Hat Enterprise Linux 6 Administration Microsoft Press

You've experienced the shiny, point-and-click surface of your Linux computer—now dive below

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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. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, 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. A featured resource in the Linux Foundation's "Evolution of a SysAdmin" Red Hat RHCSA 8 Cert Guide Pearson It Certification

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“ If you ’ re a developer trying to figure out why your application is not responding at 3 am, you need this book! This is now my go-to book when diagnosing production issues. It has saved me hours in troubleshooting complicated operations problems. ” – Trotter Cashion, cofounder, Mashion DevOps can help developers, QAs, and admins work together to solve Linux server problems far more rapidly, significantly improving IT performance, availability, and efficiency. To gain these benefits, however, team members need common troubleshooting skills and practices. In DevOps Troubleshooting: Linux Server Best Practices , award-winning Linux expert Kyle Rankin brings together all the standardized, repeatable techniques your team needs to stop finger-pointing, collaborate effectively, and quickly solve virtually any Linux server problem. Rankin walks you through using DevOps techniques to troubleshoot everything from boot failures and corrupt disks to lost email and downed websites. You ’ ll master indispensable

skills for diagnosing high-load systems and network problems in production environments. Rankin shows how to Master DevOps ’ approach to troubleshooting and proven Linux server problem-solving principles Diagnose slow servers and applications by identifying CPU, RAM, and Disk I/O bottlenecks Understand healthy boots, so you can identify failure points and fix them Solve full or corrupt disk issues that prevent disk writes Track down the sources of network problems Troubleshoot DNS, email, and other network services Isolate and diagnose Apache and Nginx Web server failures and slowdowns Solve problems with MySQL and Postgres database servers and queries Identify hardware failures – even notoriously elusive intermittent failures