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The official "Ubuntu 10.10 Server Guide" contains information on how to install and configure various server applications on your Ubuntu system to fit your needs.

The official "Ubuntu 10.04 LTS Desktop Guide" contains information on how to using Ubuntu in a desktop environment.

The Official Ubuntu Desktop Guide contains information on how to using Ubuntu in a desktop environment.

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Master the concepts and techniques that will help you gain the LXO-103 and LXO-104 certifications on your first attempt

Key Features

- Get a clear understanding of how to achieve the Linux+ certification
- Explore system architecture, shell scripts, data management, and Linux security
- Work through practice and mock tests to pass both LXO-103 and LXO-104 exams

Book Description

Linux+ certification demonstrates technical competence and provides a broad awareness of Linux operating systems. Professionals who have achieved the Linux+ certification exhibit all-important knowledge of installation, operation, administration, and

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troubleshooting services. The CompTIA Linux+ Certification Guide is an overview of the certification that gives you insights into the system architecture. You'll understand how to install and uninstall Linux distributions, followed by working with various package managers. Once you've grasped all this, you'll move on to manipulating files and processes at command-line interface (CLI) and creating, monitoring, killing, restarting, and modifying processes. As you progress, you'll be equipped to work with display managers and learn how to create, modify, and remove user accounts and groups, as well as understand how to automate

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tasks. The last set of chapters helps you configure daemons and set up local and remote system logging. In addition to this, you'll explore different internet protocols, along with discovering network configuration, security administration, Shell scripting, and SQL management. By the end of this book, you'll not only have got to grips with all the modules using practice questions and mock exams, but you'll also be well prepared to pass the LXO-103 and LXO-104 certification exams. What you will learn

- Understand the Linux system architecture
- Install, upgrade, and manage Linux system packages
- Configure devices and maintain the Linux

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filesystemManage the Shell environment, write scripts, and manage dataSet user interfaces and desktops in the Linux operating systemAutomate system admin tasks and manage essential system servicesManage SQL server on Linux and log locally and remotely with rsyslogdAdminister network and local securityWho this book is for The CompTIA Linux+ Certification Guide is for you if you want to gain the CompTIA Linux+ certificate. This guide is also for system administrators and rookie Linux professionals interested in enhancing their Linux and Shell scripting skills. No prior knowledge of Linux is needed, although some

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understanding of Shell scripting would be helpful. Achieve Linux system administration mastery with time-tested and proven techniques In Mastering Linux System Administration, Linux experts and system administrator Christine Bresnahan and Richard Blum deliver a comprehensive roadmap to go from Linux beginner to expert Linux system administrator with a learning-by-doing approach. Organized by do-it-yourself tasks, the book includes instructor materials like a sample syllabus, additional review questions, and slide decks. Amongst the practical applications of the Linux operating system included within, you'll find detailed

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and easy-to-follow instruction on: Installing Linux servers, understanding the boot and initialization processes, managing hardware, and working with networks Accessing the Linux command line, working with the virtual directory structure, and creating shell scripts to automate administrative tasks Managing Linux user accounts, system security, web and database servers, and virtualization environments Perfect for entry-level Linux system administrators, as well as system administrators familiar with Windows, Mac, NetWare, or other UNIX systems, Mastering Linux System Administration is a must-read guide to manage

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and secure Linux servers.

Master of Linux Commands

Ubuntu 10.04 Lts Installation Guide

Practical Guide to Ubuntu Linux (Versions 8.10 and 8.04)

CompTIA Linux+ Study Guide

Ubuntu 10.10 Packaging Guide

Advice for Running Five Popular Distributions on a Desktop Or Laptop

The official "Ubuntu 10.10 Packaging Guide" is primarily addressed to those who would like to make and maintain Ubuntu packages. Although many of

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the concepts in this guide could be used to make binary packages for personal use, it is designed for those people wanting to distribute their packages to and for others.

The official "Ubuntu 11.04 Classical Desktop Guide" contains information on how to using Ubuntu in a desktop environment (Classical desktop).

CCNA Cybersecurity Operations Companion Guide is the official supplemental textbook for the Cisco Networking Academy CCNA Cybersecurity Operations course. The course emphasizes real-world practical application, while providing

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opportunities for you to gain the skills needed to successfully handle the tasks, duties, and responsibilities of an associate-level security analyst working in a security operations center (SOC). The Companion Guide is designed as a portable desk reference to use anytime, anywhere to reinforce the material from the course and organize your time. The book's features help you focus on important concepts to succeed in this course:

- Chapter Objectives—Review core concepts by answering the focus questions listed at the beginning of each chapter.
- Key Terms—Refer to the lists of networking

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vocabulary introduced and highlighted in context in each chapter. · Glossary—Consult the comprehensive Glossary with more than 360 terms. · Summary of Activities and Labs—Maximize your study time with this complete list of all associated practice exercises at the end of each chapter. · Check Your Understanding—Evaluate your readiness with the end-of-chapter questions that match the style of questions you see in the online course quizzes. The answer key explains each answer. How To—Look for this icon to study the steps you need to learn to perform certain tasks. Interactive

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Activities—Reinforce your understanding of topics with dozens of exercises from the online course identified throughout the book with this icon. **Packet Tracer Activities**—Explore and visualize networking concepts using Packet Tracer. There are exercises interspersed throughout the chapters and provided in the accompanying Lab Manual book. **Videos**—Watch the videos embedded within the online course. **Hands-on Labs**—Develop critical thinking and complex problem-solving skills by completing the labs and activities included in the course and published in the separate Lab Manual.

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If you use Linux in your day-to-day work, this popular pocket guide is the perfect on-the-job reference. The third edition features new commands for processing image files and audio files, running and killing programs, reading and modifying the system clipboard, and manipulating PDF files, as well as other commands requested by readers. You'll also find powerful command-line idioms you might not be familiar with, such as process substitution and piping into bash. Linux Pocket Guide provides an organized learning path to help you gain mastery of the most useful and important commands. Whether you're a

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novice who needs to get up to speed on Linux or an experienced user who wants a concise and functional reference, this guide provides quick answers. Selected topics include: The filesystem and shell File creation and editing Text manipulation and pipelines Backups and remote storage Viewing and controlling processes User account management Becoming the superuser Network connections Audio and video Installing software Programming with shell scripts

Your all-in-one resource for using Pentaho with MySQL for Business Intelligence and Data

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Warehousing Open-source Pentaho provides business intelligence (BI) and datawarehousing solutions at a fraction of the cost of proprietary solutions. Now you can take advantage of Pentaho for your business needs with this practical guide written by two major participants in the Pentaho community. The book covers all components of the Pentaho BI Suite. You'll learn to install, use, and maintain Pentaho-and find plenty of background discussion that will bring you thoroughly up to speed on BI and Pentaho concepts. Of all available open source BI products, Pentaho offers the most

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comprehensive toolset and is the fastest growing open source product suite Explains how to build and load a data warehouse with Pentaho Kettle for data integration/ETL, manually create JFree (pentaho reporting services) reports using direct SQL queries, and create Mondrian (Pentaho analysis services) cubes and attach them to a JPivot cube browser Review deploying reports, cubes and metadata to the Pentaho platform in order to distribute BI solutions to end-users Shows how to set up scheduling, subscription and automatic distribution The companion Web site provides complete source

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code examples, sample data, and links to related resources.

Linux Desktop Pocket Guide

CCNA Cybersecurity Operations Companion Guide

Linux Bible

A Complete Introduction

Unix Administration Quick Guide

CompTIA Linux+ Certification Guide

The Official Ubuntu Server Guide contains information on how to install and configure various server applications on your Ubuntu system to fit your needs. It is a step-by-step, task-oriented guide for configuring and customizing your system.

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The Most Complete, Easy-to-Follow Guide to Ubuntu Linux
Mark Sobell's A Practical Guide to Ubuntu Linux®, Second Edition, isn't just the most thorough and up-to-date reference to installing, configuring, and working with Ubuntu. It also provides comprehensive server coverage you won't find in any other Ubuntu book. The fully updated JumpStart sections help you get complex servers running quickly. Whatever your questions may be, the completely revamped index gives you even faster access to the answers you're searching for. And a brand new chapter on Perl programming teaches you the basics of this powerful system administration language. Sobell walks you through every feature and technique you'll need, from installing Ubuntu to working with GNOME,

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Samba, exim4, Apache, DNS, NIS, LDAP, ufw, firestarter, and iptables. His exceptionally clear explanations demystify everything from system security to Windows file/printer sharing. You'll find full chapters on running Ubuntu from the command line and GUI, administering systems and security, setting up networks and Internet servers, and much more. Along the way, you'll learn both the "hows" and the "whys" of Ubuntu. Sobell knows every Linux nook and cranny: He's taught hundreds of thousands of readers—and never forgets what it's like to be new to Linux. Whether you're a user, administrator, or programmer, this book gives you all you need—and more. The world's most practical Ubuntu Linux book is now even more useful! This book delivers Hundreds

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of easy-to-follow, easy-to-use examples Updated JumpStarts for setting up Samba, Apache, Mail, FTP, NIS, OpenSSH, DNS, and other complex servers Deeper coverage of the command line, GNOME GUI, and desktop customization Coverage of crucial Ubuntu topics such as sudo and the Upstart init daemon More detailed, usable coverage of Internet server configuration, including Apache, exim4, and DNS/BIND More state-of-the-art security techniques, including firewall setup using ufw, firestarter, and iptables, plus a full chapter on OpenSSH Deeper coverage of essential system and network administration tasks—from managing users to CUPS printing, configuring LANs to building a kernel Complete instructions on keeping Ubuntu systems up-to-

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date using aptitude, Synaptic, and the Software Sources window And much more...including a 500+ term glossary and five detailed appendixes Includes DVD! Get the full version of the Ubuntu 8.10 (Intrepid Ibex) release!

There are many books written about Linux operating system so far and it will continue to be. Each book is a unique method of expression and a path to follow. I, as a Linux lover, also wanted to say a few words in this field. My work is just about that. I stood on the issue was the using of Linux commands. Of course, there are many resources relates to this issue both printed and on the internet. I can say there are some differences in this book. What are those differences? For example, I chose simple explanation, I did not care too

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much with the details, which is to me unnecessary, and also could be exhaustive for user / reader unnecessarily. I elaborate on more practice that will benefit command to use, I try to add images on the use of almost every command, and through a rigid categorization. I tried to explain that I deem necessary, rather than being grouped in topics, etc. Of course, all work can be done much better all the time. I wish to be helpful to all readers.

The bestselling study guide completely updated for the NEW CompTIA Linux+ Exam XK0-004 This is your one-stop resource for complete coverage of Exam XK0-004, covering 100% of all exam objectives. You'll prepare for the exam smarter and faster with Sybex thanks to superior content

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including, assessment tests that check exam readiness, objective map, real-world scenarios, hands-on exercises, key topic exam essentials, and challenging chapter review questions. Linux is a UNIX-based operating system originally created by Linus Torvalds with the help of developers around the world. Developed under the GNU General Public License, the source code is free. Because of this Linux is viewed by many organizations and companies as an excellent, low-cost, secure alternative to expensive OSs, such as Microsoft Windows. The CompTIA Linux+ exam tests a candidate's understanding and familiarity with the Linux Kernel. As the Linux server market share continues to grow, so too does demand for qualified and certified Linux administrators.

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Building on the popular Sybex Study Guide approach, this book will provide 100% coverage of the NEW Linux+ Exam XK0-004 objectives. The book contains clear and concise information on all Linux administration topic, and includes practical examples and insights drawn from real-world experience. Hardware and System Configuration Systems Operation and Maintenance Security Linux Troubleshooting and Diagnostics Automation and Scripting You'll also have access to an online test bank, including a bonus practice exam, electronic flashcards, and a searchable PDF of key terms.

The official "Ubuntu 11.04 Server Guide" contains information on how to install and configure various server

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applications on your Ubuntu system to fit your needs.

A Practical Guide to Linux Commands, Editors, and Shell Programming

Pro Linux System Administration

Ubuntu 11.04 Classic Desktop Guide

A Practical Guide to Ubuntu Linux

Ubuntu 11.04 Packaging Guide

CompTIA Linux+/LPIC-1: Training and Exam Preparation Guide (Exam Codes: LX0-103/101-400 and LX0-104/102-400), First Edition

The official "Ubuntu 10.04 LTS Installation Guide" contains

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installation instructions for the Ubuntu 10.04 LTS system (codename "Lucid Lynx").

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.

The official "Ubuntu 11.04 Packaging Guide" is designed for those people wanting to distribute their packages to and for others.

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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. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment

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*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*

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*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*

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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"

There are many books written about Linux operating system so far and it will continue to be. Each book is a unique method of expression and a path to follow. I, as a Linux lover, also wanted to say a few words in this

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field. My work is just about that. I stood on the issue was the using of Linux commands. Of course, there are many resources relates to this issue both printed and on the internet. I can say there are some differences in this book. What are those differences? For example, I chose simple explanation, I did not care too much with the details, which is to me unnecessary, and also could be exhaustive for user / reader unnecessarily. I elaborate on more

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*practice that will benefit command to use, I try to add images on the use of almost every command, and through a rigid categorization. I tried to explain that I deem necessary, rather than being grouped in topics, etc. Of course, all work can be done much better all the time. I wish to be helpful to all readers.. K. Demirez
Pentaho Solutions*

*Business Intelligence and Data
Warehousing with Pentaho and MySQL*

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The Linux Command Line

Ubuntu 10.10 Desktop Guide

The Winger's Guide to Linux

The official "Ubuntu 10.04 LTS Server Guide" contains information on how to install and configure various server applications on your Ubuntu system to fit your needs.

A Practical Guide to Ubuntu Linux
Pearson Education

The CompTIA Linux+/LPIC-1 Training and

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Exam Preparation Guide, First Edition is a comprehensive resource designed 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,

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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

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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,

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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 of local

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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

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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

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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-

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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

You are probably a coder, a web developer, a computer science student, or just a geek! You've worked with Windows or Mac for a while, but now it's time to broaden your knowledge and learn about Linux / Unix / *nix. Perhaps you want to build your own Linux web server for the first time? Perhaps you just bought a Raspberry

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Pi and want to know how to use Linux on it? Perhaps you have a modern Macbook and want to understand what is going on in the Terminal? Linux can be an intimidating subject to learn from scratch. When you've read this guide you will have the fundamental knowledge needed to run a Linux system and you'll be able to appreciate the power of the Unix command line. What you'll learn Unix admin: users, groups, the filesystem, how permissions work Command line kung fu and the Unix tools you need to know How to install

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software and control running processes
Configuring networking and basic security
Top tips on how to solve common problems
The Official Ubuntu Packaging Guide
contains installation instructions for the
Ubuntu 9.04 system (codename "Jaunty
Jackalope"). It also contains pointers to
more information and information on how to
make the most of your new Ubuntu system.
Ubuntu 11.04 Server Guide
Ubuntu 9.04 Desktop Guide
Agile Deployment without Infrastructure
Lock-in

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A comprehensive guide to achieving LX0-103 and LX0-104 certifications with mock exams
Linux Fundamentals

A Beginner's Guide To Linux Operating System

Virtual, hands-on learning labs allow you to apply your technical skills using live hardware and software hosted in the cloud. So Sybex has bundled CompTIA Linux+ labs from Practice Labs, the IT Competency Hub, with our popular CompTIA Linux+ Study Guide, Fourth Edition. Working in these labs gives you the same experience you need to prepare

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for the CompTIA Linux+ Exam XK0-004 that you would face in a real-life setting. Used in addition to the book, the labs are a proven way to prepare for the certification and for work in the IT and cybersecurity fields where Linux is fundamental to modern systems and security. This is your one-stop resource for complete coverage of Exam XK0-004, covering 100% of all exam objectives. You'll prepare for the exam smarter and faster with Sybex thanks to superior content including, assessment tests that check exam readiness, objective map, real-world scenarios, hands-on exercises, key topic exam essentials, and

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challenging chapter review questions. Linux is viewed by many organizations and companies as an excellent, low-cost, secure alternative to expensive OSs, such as Microsoft Windows and is crucial to today's server and cloud infrastructure. The CompTIA Linux+ exam tests a candidate's understanding and familiarity with the Linux. As the Linux server market share continues to grow, so too does demand for qualified and certified Linux administrators. Building on the popular Sybex Study Guide approach, this book will provide 100% coverage of the NEW Linux+ Exam XK0-004 objectives. The book contains clear and

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concise information on all Linux administration topic, and includes practical examples and insights drawn from real-world experience. Hardware and System Configuration Systems Operation and Maintenance Security Linux Troubleshooting and Diagnostics Automation and Scripting You'll also have access to an online test bank, including a bonus practice exam, electronic flashcards, and a searchable PDF of key terms. And with this edition you also get Practice Labs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months unlimited access to

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Practice Labs CompTIA Linux+ Exam Exam XK0-004 Labs with 65 unique lab modules to practice your skills.

Get introduced to the world of Docker containers from a SQL Server DBA's perspective. This book explains container technology and how it can improve the deployment of your SQL Server databases without infrastructure lock-in. You will be equipped with the right technical skills to guide stakeholders in your business as they adopt and adapt to new technologies to improve time-to-market and competitiveness. You will learn how to build a lab environment

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at home on which to build skills that transfer directly into your day job. This book teaches you how to install and configure Docker on both Windows Server and Linux operating systems. You will learn the most common Docker commands that you need to know as a DBA to deploy and manage SQL Server on containers. Support for SQL Server on Linux is new, and this book has your back with guidance on creating Docker images specifically for deployment to a Linux platform. Included is coverage of key Linux commands needed to manage SQL Server on that operating system. By the end of the book you

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will have learned how to create your own custom SQL Server container images with configuration settings that are specific to your organization, that are capable of being deployed to both Windows Server and Linux. What You Will Learn Create Docker containers for agile deployment of SQL Server Run multiple SQL Server instances on a single Linux machine Deploy custom images specific to your organization's needs Know the benefits and architecture of container technology Install and configure Docker on Windows Server and Linux Manage and persist SQL Server data in Docker containers Who This

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Book Is For Intermediate to senior SQL Server DBAs who are familiar with SQL Server on Windows and want to build their existing skills to deploy and manage SQL Server on Linux and through Docker containers. Readers should have a grasp of relational database concepts and be comfortable with the Transact-SQL language.

The Most Useful Tutorial and Reference, with Hundreds of High-Quality Examples for Every Popular Linux Distribution “First Sobell taught people how to use Linux . . . now he teaches you the power of Linux. A must-have book for anyone who wants to take Linux to

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the next level.” -Jon “maddog” Hall,
Executive Director, Linux International
Discover the Power of Linux—Covers macOS,
too! Learn from hundreds of realistic, high-
quality examples, and become a true command-
line guru Covers MariaDB, DNF, and Python 3
300+ page reference section covers 102
utilities, including macOS commands For use
with all popular versions of Linux, including
Ubuntu,[™] Fedora,[™] openSUSE,[™] Red Hat,[®]
Debian, Mageia, Mint, Arch, CentOS, and macOS
Linux is today’s dominant Internet server
platform. System administrators and Web
developers need deep Linux fluency, including

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expert knowledge of shells and the command line. This is the only guide with everything you need to achieve that level of Linux mastery. Renowned Linux expert Mark Sobell has brought together comprehensive, insightful guidance on the tools sysadmins, developers, and power users need most, and has created an outstanding day-to-day reference, updated with assistance from new coauthor Matthew Helmke. This title is 100 percent distribution and release agnostic. Packed with hundreds of high-quality, realistic examples, it presents Linux from the ground up: the clearest explanations and

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most useful information about everything from filesystems to shells, editors to utilities, and programming tools to regular expressions. Use a Mac? You'll find coverage of the macOS command line, including macOS-only tools and utilities that other Linux/UNIX titles ignore. A Practical Guide to Linux® Commands, Editors, and Shell Programming, Fourth Edition, is the only guide to deliver A MariaDB chapter to get you started with this ubiquitous relational database management system (RDBMS) A masterful introduction to Python for system administrators and power users In-depth coverage of the bash and tcsh

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shells, including a complete discussion of environment, inheritance, and process locality, plus coverage of basic and advanced shell programming Practical explanations of core utilities, from aspell to xargs, including printf and sshfs/curlftps, PLUS macOS-specific utilities from ditto to SetFile Expert guidance on automating remote backups using rsync Dozens of system security tips, including step-by-step walkthroughs of implementing secure communications using ssh and scp Tips and tricks for customizing the shell, including step values, sequence expressions, the eval builtin, and implicit

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command-line continuation High-productivity editing techniques using vim and emacs A comprehensive, 300-plus-page command reference section covering 102 utilities, including find, grep, sort, and tar Instructions for updating systems using apt-get and dnf And much more, including coverage of BitTorrent, gawk, sed, find, sort, bzip2, and regular expressions

A guide to Ubuntu Linux covers such topics as installation, the desktop, utilities, the shell, networking, system administration, the Linux kernel, CUPS, DNS, OpenSSH, Samba, and Apache.

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A must-have, hands-on guide for working in the cybersecurity profession. Cybersecurity involves preventative methods to protect information from attacks. It requires a thorough understanding of potential threats, such as viruses and other malicious code, as well as system vulnerability and security architecture. This essential book addresses cybersecurity strategies that include identity management, risk management, and incident management, and also serves as a detailed guide for anyone looking to enter the security profession. Doubling as the text for a cybersecurity course, it is also a useful

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reference for cybersecurity testing, ITtest/development, and system/network administration. Covers everything from basic network administration securityskills through advanced command line scripting, tool customization, and log analysis skills Dives deeper into such intense topics as wireshark/tcpdumpfiltering, Google hacks, Windows/Linux scripting, Metasploitcommand line, and tool customizations Delves into network administration for Windows, Linux, andVMware Examines penetration testing, cyber investigations, firewallconfiguration, and security tool customization Shares techniques

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for cybersecurity testing, planning, and reporting Cybersecurity: Managing Systems, Conducting Testing, and Investigating Intrusions is a comprehensive and authoritative look at the critical topic of cybersecurity from start to finish.

Introduction to JVM Languages

Mastering Linux System Administration

CompTIA Linux+ Study Guide with Online Labs

Linux Essentials

Tips & Tools for Exploring, Using, and Tuning Linux

Ubuntu 9.04 Installation Guide

Ubuntu Linux--the most popular Linux distribution on the

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planet--preserves the spirit embodied in the ancient African word ubuntu, which means both "humanity to others" and "I am what I am because of who we all are." Ubuntu won the Linux Journal Reader's Choice Award for best Linux distribution and is consistently the top-ranked Linux variant on DistroWatch.com. The reason this distribution is so widely popular is that Ubuntu is designed to be useful, usable, customizable, and always available for free worldwide. Ubuntu Hacks is your one-stop source for all of the community knowledge you need to get the most out of Ubuntu: a collection of 100 tips and tools to help new and experienced Linux users install, configure, and customize Ubuntu. With this set of hacks, you can get Ubuntu Linux working exactly the way you need it to. Learn how to: Install

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and test-drive Ubuntu Linux. Keep your system running smoothly Turn Ubuntu into a multimedia powerhouse: rip and burn discs, watch videos, listen to music, and more Take Ubuntu on the road with Wi-Fi wireless networking, Bluetooth, etc. Hook up multiple displays and enable your video card's 3-D acceleration Run Ubuntu with virtualization technology such as Xen and VMware Tighten your system's security Set up an Ubuntu-powered server Ubuntu Hacks will not only show you how to get everything working just right, you will also have a great time doing it as you explore the powerful features lurking within Ubuntu. "Put in a nutshell, this book is a collection of around 100 tips and tricks which the authors choose to call hacks, which explain how to accomplish various tasks in Ubuntu Linux. The so

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called hacks range from down right ordinary to the other end of the spectrum of doing specialised things...More over, each and every tip in this book has been tested by the authors on the latest version of Ubuntu (Dapper Drake) and is guaranteed to work. In writing this book, it is clear that the authors have put in a lot of hard work in covering all facets of configuring this popular Linux distribution which makes this book a worth while buy." -- Ravi Kumar, Slashdot.org

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

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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

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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.

The official "Ubuntu 10.04 LTS Packaging Guide" is primarily addressed to those who would like to make and maintain Ubuntu packages. Although many of the concepts in this guide could be used to make binary packages for personal use, it is designed for those people wanting to distribute their packages to and for others.

Explore the Java Virtual Machine with modern programming languages About This Book This guide provides in-depth

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coverage of the Java Virtual Machine and its features Filled with practical examples, this book will help you understand the core concepts of Java, Scala, Clojure, Kotlin, and Groovy Work with various programming paradigms and gain knowledge about imperative, object-oriented and functional programming Who This Book Is For This book is meant for programmers who are interested in the Java Virtual Machine (JVM) and want to learn more about the most popular programming languages that can be used for JVM development. Basic practical knowledge of a modern programming language that supports object-oriented programming (JavaScript, Python, C#, VB.NET, and C++) is assumed. What You Will Learn Gain practical information about the Java Virtual Machine Understand the popular JVM

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languages and the Java Class Library Get to know about various programming paradigms such as imperative, object-oriented, and functional Work with common JVM tools such as Eclipse IDE, Gradle, and Maven Explore frameworks such as SparkJava, Vert.x, Akka and JavaFX Boost your knowledge about dialects of other well-known programming languages that run on the JVM, including JavaScript, Python, and Ruby In Detail Anyone who knows software development knows about the Java Virtual Machine. The Java Virtual Machine is responsible for interpreting Java byte code and translating it into actions. In the beginning, Java was the only programming language used for the JVM. But increasing complexity of the language and the remarkable performance of the JVM created an opening for a new

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generation of programming languages. If you want to build a strong foundation with the Java Virtual Machine and get started with popular modern programming languages, then this book is for you. The book will begin with a general introduction of the JVM and its features, which are common to the JVM languages, helping you get abreast with its concepts. It will then dive into explaining languages such as Java, Scala, Clojure, Kotlin, and Groovy and will show how to work with each language, their features, use cases, and pros and cons. By writing example projects in those languages and focusing on each language's strong points, it will help you find the programming language that is most appropriate for your particular needs. By the end of the book, you will have written multiple programs that run on

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the Java Virtual Machine and know about the differences between the various languages. Style and approach This practical, example-filled guide will help you get started with the JVM and some of its most popular languages.

This book not only delivers the theoretical concept of UNIX, but also describes how we can work on it in a live environment. It's just like a "Two in One" package where not only you clear your theoretical concept, but also you get a clear practical view and makes you capable of managing your own UNIX server(s) or home PC. It provides various theoretical and practical concepts in the form of quick tips which attracts a user while reading and develops a crystal clear understanding of various UNIX core concepts which are usually missed when you read a normal UNIX book,

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which will also prepare you for a UNIX or Linux interview or exam. Since this book is written by an administrator who works on managing live UNIX servers, so it also emphasizes how to troubleshoot various issues and bring the system and services up in case of any failure.

Ubuntu 10.10 Server Guide

Ubuntu 10.10 Installation Guide

Linux Command Line 101

Exam XK0-004

Managing Systems, Conducting Testing, and Investigating Intrusions

Ubuntu 9.04 Server Guide

Linux is the only endpoint OS that is growing globally. As one person put it, "Linux is the

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Nikola Tesla of information technology". This OS is used in a myriad of devices including smartphones, digital video recorders, televisions, airline entertainment systems, digital signage, automobile control systems, switches, routers, the desktop, among many others. The Microsoft Windows vs Linux OS debate will not end anytime soon. However, it is very clear that Linux is winning. If you have a hard time believing this, consider the influence of Linux on Android and UNIX-based Apple devices. The only reason Windows is still common is because of its influence on many core applications. This is

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about to change, and Linux is, without a doubt, the future. Microsoft has been the king of End User Computing (EUC) for about 30 years. Nonetheless, there are factors such as security concerns that are pushing EUC to the data center. Due to this, there is a desire to reduce the costs and risks that are required to maintain Windows on the edge. Linux OS offers the perfect solution for this. Linux is layered and lightweight which enables it to perform very well across many types of devices. It also offers high speed and responsiveness. Because Linux has so many inherent advantages, it is preferred for

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endpoint applications.

The official "Ubuntu 10.10 Desktop Guide" contains information on how to using Ubuntu in a desktop environment.

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

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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

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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. Implement a SOHO or SMB Linux infrastructure to expand your business and associated IT capabilities. Backed by the expertise and

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experienced guidance of the authors, this book provides everything you need to move your business forward. Pro Linux System Administration makes it easy for small- to medium-sized businesses to enter the world of zero-cost software running on Linux and covers all the distros you might want to use, including Red Hat, Ubuntu, Debian, and CentOS. Pro Linux System Administration takes a layered, component-based approach to open source business systems, while training system administrators as the builders of business infrastructure. Completely updated for this

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second edition, Dennis Matotek takes you through an infrastructure-as-code approach, seamlessly taking you through steps along the journey of Linux administration with all you need to master complex systems. This edition now includes Jenkins, Ansible, Logstash and more.

What You'll Learn: Understand Linux architecture Build, back up, and recover Linux servers Create basic networks and network services with Linux Build and implement Linux infrastructure and services including mail, web, databases, and file and print Implement Linux security Resolve Linux performance and capacity

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planning issues Who This Book Is For: Small to medium-sized business owners looking to run their own IT, system administrators considering migrating to Linux, and IT systems integrators looking for an extensible Linux infrastructure management approach.

The official "Ubuntu 10.10 Installation Guide" contains installation instructions for the Ubuntu 10.10 system (codename "Maverick Meerkat").

Ubuntu Hacks

Linux Pocket Guide

Learn to Build Systems for Your Business Using Free and Open Source Software

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Ubuntu 10.04 Lts Packaging Guide

Ubuntu 10.04 Lts Desktop Guide

Ubuntu 10.04 Lts Server Guide

The Linux world is constantly changing, requiring new knowledge and skills to work as a Linux system administrator. Linux Fundamentals, Second Edition not only updates the first edition with new material, but also changes the book's focus a bit, from a basic approach to Linux to a more advanced server-oriented look at using Linux. While the first edition tracked the skills needed to meet the LPI Linux Fundamentals exam requirements, this edition tracks the more advanced CompTIA Linux+ exam requirements. The Second

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Edition provides a soft, accessible, and practical introduction to Linux environments and command line basics. The addition of new virtual labs will also empower students to apply theory in hands-on exercises in real time. This edition dives deeper into the Linux server environment, covering the commands you are expected to know for the Linux+ exam.

Cybersecurity

Essential Commands

A Practical Guide to Fedora and Red Hat Enterprise Linux

The SQL Server DBA's Guide to Docker Containers