

Essential Linux Fast Essential Series

Essential Linux fast

Linux has become increasingly popular as an alternative operating system to Microsoft Windows. This is largely due to its improved performance and ability to run favourite PC applications. If you want to make the switch from Windows, this is the book you need. The author gives advice on how to install the system and explains why it is becoming one of the hottest operating systems of the millennium. Topics covered include: installing a Linux system, using X Windows, using the Internet with Linux, and using Scripting.

Essential Flash 5.0 fast

Create imaginative and lively animation for the web with Essential Flash 5.0 fast! The latest release of Macromedia's Flash, version 5.0, adds new features to the popular web applications software - such as enhanced colour controls, better selection highlights, draggable guides, pen tool, shared libraries, new panels, and expanded ActionScript capabilities. Essential Flash 5.0 fast provides a simple yet thorough introduction to the world of Flash. With clear and concise examples, Fiaz Hussain explains: - The Flash development environment - How to create simple and complex objects - Using the shape editing tools and colour - All about symbols and their instances - Layers and animation - Interactivity, including ActionScripting - How to optimise Flash movies for fast downloads.

Linux Command Line (Cover All Essential Linux Commands)

This book is a beginner's guide for fast learning Linux commands which are frequently used by Linux administrators or beginners. The book covers all essential Linux commands as well as their operations, examples and explanations. It also includes Linux Helping commands, symbols, shortcut keys, run levels and Vi commands. From this book, you can easily learn: How to run all essential Linux commands. How to copy, move, and delete files and directories. How to create, remove, and manage users and groups. How to access Linux server, and use SSH commands. How to operate the run levels and change the run levels How to navigate at the command line by helping commands. How to compare files, find out a file, manipulate file contents How to start a job, stop a job and schedule a job. How to manage permissions, ownership of files, directories How to connect across network, communicate with network. How to transfer files over network, send network messages And much more skill..... There is a long table containing all common Linux commands in

this book, which can give you a great help in your job or study. You can learn all essential Linux commands quickly.

Essential UMLTm fast

Essential UML fast introduces the concepts of object-oriented analysis, design and programming, using the Unified Modeling Language (UML). UML is one of the best known modeling languages in the object-oriented software development world, and is fast becoming a standard amongst OO software developers. The book contains plenty of examples and detailed illustrations, making it easy for readers to get up and running with UML fast. In providing these examples the author relies on one of the well known use case tools, Select Enterprise. Advice is given on how to set up Select Enterprise as well as how to use it to speed up the modeling process of practical software.

Essential PHP fast

How to create dynamic web environments using the PHP language and the MySQL database! If you are familiar with the syntax for C, C++ and Java, then PHP will seem very familiar. Once you have got up to speed with this HTML embedded scripting language, you will soon be creating dynamic HTML database-enabled web pages quickly and easily. This quick and practical introduction explains: - how PHP works and what a dynamic web page is; - the software development environment; - the syntax and features of the language; - how PHP can be integrated with MySQL databases; - dynamic database applications. Clearly written, this book provides you with all the essential information you need to create your own dynamic web environments using PHP. Additional material is available from the Essential series web site: <http://www.essential-series.com>

Essential Dreamweaver® 4.0 fast

Macromedia Dreamweaver 4.0 provides an exciting environment for creating and managing web pages and web sites. Fiaz Hussain gives a quick, but effective, introduction to the various key components and tools making up the development studio. Using a hands-on approach, with plenty of animated illustrations, Essential Dreamweaver 4.0 fast: - shows the simple and valuable steps necessary to design, develop, evaluate and publish a web site; - explains the essential components of building a web-site, through hand-coding HTML or JavaScript, or via the Visual Editor, or by means of both; - discusses how to include text, images, links, forms, frames, layers, HTML, JavaScript and style sheets. Essential Dreamweaver 4.0 fast gives an easy explanation of the basic tools needed to build and manage sophisticated web sites quickly. The source code for the examples in the book is available from the Essential Series web site: <http://www.essential-series.com>

Linux

This book is a beginner's guide for fast learning Linux commands which are frequently used by Linux administrators or beginners. The book covers all essential Linux commands as well as their operations, examples, and explanations. It also includes Linux Helping commands, symbols, shortcut keys, run levels and Vi commands. From this book, you can easily learn: How to run all essential Linux commands. How to copy, move, and delete files and directories. How to create, remove, and manage users and groups. How to access Linux server, and use SSH commands. How to operate the run levels and change the run levels. How to navigate at the command line by helping commands. How to compare files, find out a file, manipulate file contents. How to start a job, stop a job and schedule a job. How to manage permissions, ownership of files, directories. How to connect across network, communicate with network. How to transfer files over network, send network messages And much more skill..... There is a long chart containing all common Linux commands in this book, which can give you a great help in your job or study. You can learn all essential Linux commands quickly.

Essential C# fast

A quick and practical introduction to the C# programming language. The text includes complete programming examples that highlight the core features of this language. In this book you will learn about: Using C# with a traditional compile run cycle, using C# within the Developer Studio environment, different data types supported in C#, control structures and input and output (i/o) in C#, key features of C# and their relationship to C, C++, Java and other programming languages.

Electronic Books and ePublishing

Over the past few years the e-book has received much attention - the new generation of books can be downloaded from the Internet. Indeed, many publishing applications nowadays enable the production of electronic books. This book shows readers how to design electronic books using the book metaphor. The information presented is a culmination of the author's experience as an author and researcher. It contains valuable information gathered through user surveys, user focus groups, usability testing, and participation in industry groups and standards organisations. A definite must-have for anyone interested in the new generation of books.

Essential ColdFusion fast

This book is aimed at giving the reader a working knowledge of ColdFusion. It provides instructional advice and explains how ColdFusion works with other web-based technologies. Plenty of working examples are included - also available on a website powered by ColdFusion. The author, Matthew Norman, has written a \"get started quick\" guide, which describes the setting up of a development system - he talks about how to achieve this on a budget, using techniques that are applicable to large scale operations.

Anyone with a working knowledge of the Internet and who wants to learn more about what ColdFusion does and how they can start using it quickly will find this book invaluable.

Linux Essentials

A unique, full-color introduction to Linux fundamentals Serving as a low-cost, secure alternative to expensive operating systems, Linux is a UNIX-based, open source operating system. Full-color and concise, this beginner's guide takes a learning-by-doing approach to understanding the essentials of Linux. Each chapter begins by clearly identifying what you will learn in the chapter, followed by a straightforward discussion of concepts that leads you right into hands-on tutorials. Chapters conclude with additional exercises and review questions, allowing you to reinforce and measure your understanding. Offers a hands-on approach to acquiring a foundation of Linux skills, aiming to ensure Linux beginners gain a solid understanding Uses the leading Linux distribution Fedora to demonstrate tutorials and examples Addresses Linux installation, desktop configuration, management of files and filesystems, remote administration, security, and more This book is essential reading for anyone entering the world of Linux!

Linux: Learn Linux FAST

All The Information You Will Need This book has all the information you will need to know about the Linux operating system as a newbie or an expert computer user that is new to Linux. There are so many operating systems in use all over the world today and Linux is just one of them. The main difference is that Linux benefits the user more than what the user gets from all the other operating systems. This book gives you details pertaining to all these benefits and many more. As a beginner, you may not know anything about Linux or even how to get started in the use of the best OS we have in the market so far.

Linux Command Line, Cover All Essential Linux Commands. a Reference Guide!

This book is a reference guide for fast learning Linux commands which are frequently used by Linux administrators. The book covers all essential Linux commands as well as their operations, examples, and explanations. It also includes Linux Helping commands, symbols, shortcut keys, run levels and Vi commands. From this book, you can easily learn: How to run all essential Linux commands. How to copy, move, and delete files and directories. How to create, remove, and manage users and groups. How to access Linux server, and use SSH commands. How to operate the run levels and change the run levels. How to navigate at the command line by helping commands. How to compare two files, find out a file, manipulate the file contents. How to start a job, stop a job and schedule a job. How to manage permissions and ownership of files and directories. How to connect to a network, communicate with the network. How to transfer files over the network, send network messages. And much more skill..... There is a long chart containing all common Linux commands in this book, which can give you a great help in your job or study. You can learn all essential Linux commands quickly. (Note: This book is a reference guide, which may

be not suitable for some complete new Linux beginners.)Click Buy button now, Start learning Linux today!

Linux Essentials

\Unlock the power of the Linux command line with 'Linux Essentials: Fast-Track Your Command Line Skills from Scratch.' Whether you're a beginner or looking to enhance your proficiency, this comprehensive guide is designed to take you on a journey from the basics to advanced command line usage. Navigate the Linux environment with confidence as you delve into fundamental commands, file management, user permissions, and shell scripting. With a hands-on approach, this book provides practical examples and exercises to reinforce your learning, ensuring you can apply your newfound skills in real-world scenarios. Discover the efficiency and flexibility of the command line as you learn to streamline tasks, troubleshoot issues, and automate processes. As you progress through the chapters, you'll gain a deep understanding of Linux commands, boosting your productivity and making you a more adept user. Whether you're a student, IT professional, or someone eager to harness the full potential of Linux, 'Linux Essentials' is your essential companion. Fast-track your command line skills and master the heart of Linux with this accessible and insightful guide. Get ready to unleash the true power of your operating system!\

Important Linux Commands You Should Know

\Mastering the Essential Linux Commands for Streamlined Computing\ Are you a new GNU/Linux user who wants to learn more than just dragging windows around and clicking your mouse? This book is designed for users who are completely new to the GNU/Linux command line and want to learn the fundamentals. In this book, basic Linux commands for navigation, file and directory administration, software installation, and elementary system troubleshooting are covered. You will discover how to use Linux commands in this book. Over the years, Linux has seen significant transformation and is currently regarded as one of the top operating systems in the world. As a system administrator, you maintain the functionality of the global computing infrastructure. Problems must be fixed, systems must be maintained, and security must be maintained at all times. I hope these commands will be useful and enable you to perform your work more effectively. \Important Linux Commands You Should Know\ is a comprehensive guide that takes you on a journey through the essential Linux commands that every user needs to know. Whether you are a beginner or an experienced user, this book will provide you with a clear understanding of the most frequently used commands in the Linux operating system. The book starts with an introduction to Linux and the command-line interface, followed by a detailed explanation of basic Linux commands such as ls, cd, mkdir, and touch. From there, you'll move on to more advanced commands such as grep, sed, awk, and find. Each command is explained in a clear and concise manner, with practical examples and explanations of how to use it effectively. In addition to the commands themselves, the book covers a range of topics related to working with the Linux command line, including input/output redirection, piping, command substitution, and scripting. You'll also learn how to customize your shell prompt and create aliases to save time and increase productivity. Whether you're a student, a system administrator, or a developer, \Important Linux Commands You Should Know\ is an invaluable resource that will help you become more proficient in using the Linux command line. With its comprehensive coverage and practical examples, this book is the ultimate guide to mastering the essential Linux commands. .

Making Linux Work

Making Linux Work is the perfect desktop reference for the system administrator who has limited experience with Red Hat Linux and/or UNIX-based operating systems in general. Each section of the book begins with a fast-paced, 5-10 page overview of a specific topic that is followed directly by a collection of expertly categorized, thoroughly indexed tips and techniques. Tips are presented in a unique question-and-answer format, allowing even new Linux users to locate mission-critical information \"on demand,\" drill down to essential details quickly, and make Linux work. Written by a SAIR Linux and GNU Certified Administrator, this invaluable reference contains everything needed to achieve proficiency in system installation; management of files, directories and disks; use and configuration of the Linux X Window System environment; and more! Its unique format is further guaranteed to increase the productivity of beginning through intermediate Red Hat Linux users by eliminating the need to wade through dense prose, extrapolate information from cookbook-style tutorials, struggle through complex tech docs, or engage in time-intensive, trial-and-error experimentation.

Linux Pocket Guide

O'Reilly's Pocket Guides have earned a reputation as inexpensive, comprehensive, and compact guides that have the stuff but not the fluff. Every page of Linux Pocket Guide lives up to this billing. It clearly explains how to get up to speed quickly on day-to-day Linux use. Once you're up and running, Linux Pocket Guide provides an easy-to-use reference that you can keep by your keyboard for those times when you want a fast, useful answer, not hours in the man pages. Linux Pocket Guide is organized the way you use Linux: by function, not just alphabetically. It's not the 'bible of Linux; it's a practical and concise guide to the options and commands you need most. It starts with general concepts like files and directories, the shell, and X windows, and then presents detailed overviews of the most essential commands, with clear examples. You'll learn each command's purpose, usage, options, location on disk, and even the RPM package that installed it. The Linux Pocket Guide is tailored to Fedora Linux--the latest spin-off of Red Hat Linux--but most of the information applies to any Linux system. Throw in a host of valuable power user tips and a friendly and accessible style, and you'll quickly find this practical, to-the-point book a small but mighty resource for Linux users.

Essential Linux

Essential Linux addresses and provides the essential information for getting a Linux system up and running, looking after it, and using it. It includes many screen shots and examples of essential commands and utilities. This book focuses on practical installations, such as converting IBM PCs, transferring data from Windows and MS-DOS, and running Linux in conjunction with Windows. Provides detailed instructions and advice on installation for many different systems and environments. By author of UNIX Pocket Book, which was chosen by PC Magazine as a recommended UNIX book. CD-ROM contains Versions 1.3 and 2.0 of Linux with installation details.

KALI LINUX (Series)

55 % discount for bookstores ! Now At \$23.99 instead of \$ 37.18 \$Your customers will never stop reading this guide !!! KALI LINUX The goal of the eBook is simple: The eBook helps in knowing more about Kali Linux. Most of the penetration tools are written in English but Kali includes a multilingual approach. This makes it accessible to a greater number of users who can operate it in their own language. They can also locate the tools which are needed for their job. The kernels can also be customized. The penetration testers often have the requirement of doing wireless assessments. So, the kernel has the latest injection patches so that they can be patched for injection. Every package is also signed by the individual developers who have built and committed it. Buy it Now and let your customers get addicted to this amazing book !!!

Essential Linux Device Drivers

“Probably the most wide ranging and complete Linux device driver book I’ve read.” --Alan Cox, Linux Guru and Key Kernel Developer “Very comprehensive and detailed, covering almost every single Linux device driver type.” --Theodore Ts’o, First Linux Kernel Developer in North America and Chief Platform Strategist of the Linux Foundation The Most Practical Guide to Writing Linux Device Drivers Linux now offers an exceptionally robust environment for driver development: with today’s kernels, what once required years of development time can be accomplished in days. In this practical, example-driven book, one of the world’s most experienced Linux driver developers systematically demonstrates how to develop reliable Linux drivers for virtually any device. Essential Linux Device Drivers is for any programmer with a working knowledge of operating systems and C, including programmers who have never written drivers before. Sreekrishnan Venkateswaran focuses on the essentials, bringing together all the concepts and techniques you need, while avoiding topics that only matter in highly specialized situations. Venkateswaran begins by reviewing the Linux 2.6 kernel capabilities that are most relevant to driver developers. He introduces simple device classes; then turns to serial buses such as I2C and SPI; external buses such as PCMCIA, PCI, and USB; video, audio, block, network, and wireless device drivers; user-space drivers; and drivers for embedded Linux—one of today’s fastest growing areas of Linux development. For each, Venkateswaran explains the technology, inspects relevant kernel source files, and walks through developing a complete example. • Addresses drivers discussed in no other book, including drivers for I2C, video, sound, PCMCIA, and different types of flash memory • Demystifies essential kernel services and facilities, including kernel threads and helper interfaces • Teaches polling, asynchronous notification, and I/O control • Introduces the Inter-Integrated Circuit Protocol for embedded Linux drivers • Covers multimedia device drivers using the Linux-Video subsystem and Linux-Audio framework • Shows how Linux implements support for wireless technologies such as Bluetooth, Infrared, WiFi, and cellular networking • Describes the entire driver development lifecycle, through debugging and maintenance • Includes reference appendixes covering Linux assembly, BIOS calls, and Seq files

Operating System Concepts and Basic Linux Commands

This book contains the introductory information about the operating system and the basics of Linux commands for graduation level studies. This book provides the concepts of operating system. It contains the fundamental concepts which are applicable to various operating systems. Unit-I explains what is operating system and how the concepts of

operating system has developed, contains resource management, structure of operating system, services provided by operating system, types of operating system. It contains the common features of the operating system. Unit- II and III deals with the internal algorithm and structure of operating system, it contains Process concept, Process State, Threads, Concurrent process, CPU scheduling, Scheduling Algorithms. They provide a firm practical understanding of the algorithm used. Unit-IV contains File Concept, Operations on Files, Types of files, Access Methods, Allocation methods, Directory structure, Structure of Linux Operating System. Unit- V contains Shell related operations and basic Linux commands like Changing the running shell, Changing the shell prompt, Creating user account, Creating alias for long command, Input/output Redirection, Redirecting Standard Output/Input, Pipe lines, Filters, ls, cat, wc, Manipulating files and directories using cp, mv, rm, pwd, cd, mkdir, rmdir commands, vi Editor, Compressing files (gzip, gunzip commands), Archiving Files(tar), Managing disk space: df, du, Changing Your Password, File access permissions, Granting access to files: (chmod command), Creating group account, Communication commands like who, who I am, mesg, write, talk, wall.

Linux Essentials

Learn Linux, and take your career to the next level! Linux Essentials, 2nd Edition provides a solid foundation of knowledge for anyone considering a career in information technology, for anyone new to the Linux operating system, and for anyone who is preparing to sit for the Linux Essentials Exam. Through this engaging resource, you can access key information in a learning-by-doing style. Hands-on tutorials and end-of-chapter exercises and review questions lead you in both learning and applying new information—information that will help you achieve your goals! With the experience provided in this compelling reference, you can sit down for the Linux Essentials Exam with confidence. An open source operating system, Linux is a UNIX-based platform that is freely updated by developers. The nature of its development means that Linux is a low-cost and secure alternative to other operating systems, and is used in many different IT environments. Passing the Linux Essentials Exam prepares you to apply your knowledge regarding this operating system within the workforce. Access lessons that are organized by task, allowing you to quickly identify the topics you are looking for and navigate the comprehensive information presented by the book. Discover the basics of the Linux operating system, including distributions, types of open source applications, freeware, licensing, operations, navigation, and more. Explore command functions, including navigating the command line, turning commands into scripts, and more. Identify and create user types, users, and groups. Linux Essentials, 2nd Edition is a critical resource for anyone starting a career in IT or anyone new to the Linux operating system.

Essential System Administration Pocket Reference

If you're a Unix system administrator, then the information you need every day just to get your job done could fill a book--a very large book. But, practically speaking, you don't want to stop and thumb through a weighty volume each time a problem arises. Your answer is the Essential System Administration Pocket Reference, the only system administration reference that fits in your pocket. Concise and easy-to-use, this little book is the portable companion to the classic Essential System Administration by A. E. Elen Frisch. The Essential System Administration Pocket Reference is a quick reference to all the fundamental and essential tasks required to run such divergent Unix systems as Solaris, Linux, AIX, BSD, SuSe, Red Hat, and more. Beginners and experienced administrators alike will quickly be able to apply its principles and advice to solve everyday

problems. The book is divided into three parts: Commands, Syntax and Their Applications, Configuration Files and Formats, and Operating System Specific Information. The information in this book is a must-have for any administrator or user of a Unix system. O'Reilly's Pocket References have become a favorite among technology professionals everywhere. By providing a wealth of important details in a concise, well-organized format, these handy books deliver just what you need to complete the task at hand. When you've reached a sticking point and need to get to a solution quickly, the new Essential System Administration Pocket Reference is the book you'll want to have.

Linux Command Line and Shell Scripting Bible

Advance your understanding of the Linux command line with this invaluable resource Linux Command Line and Shell Scripting Bible, 4th Edition is the newest installment in the indispensable series known to Linux developers all over the world. Packed with concrete strategies and practical tips, the latest edition includes brand-new content covering: Understanding the Shell Writing Simple Script Utilities Producing Database, Web & Email Scripts Creating Fun Little Shell Scripts Written by accomplished Linux professionals Christine Bresnahan and Richard Blum, Linux Command Line and Shell Scripting Bible, 4th Edition teaches readers the fundamentals and advanced topics necessary for a comprehensive understanding of shell scripting in Linux. The book is filled with real-world examples and usable scripts, helping readers navigate the challenging Linux environment with ease and convenience. The book is perfect for anyone who uses Linux at home or in the office and will quickly find a place on every Linux enthusiast's bookshelf.

The British National Bibliography

This is the comprehensive guide to Linux on the mainframe straight from the IBM Linux experts. The book covers virtualization, security, systems management, and more.

Linux on the Mainframe

"Essential System Administration" takes an in-depth look at the fundamentals of UNIX system administration in a real-world, heterogeneous environment. Beginners or experienced administrators will quickly be able to apply its principles and advice to their everyday problems.

Essential System Administration

Linux is a Unix-like operating system that is one of the most popular open source operating systems on the planet. It is the heart of countless software products, from enterprise operating systems like Android and Red Hat Enterprise Linux, to hobbyist projects on a wide range of devices. Linux by Jason Cannon will teach you the basics of interacting with

Linux, such as viewing and editing files and directories through the command line, and how to modify permissions. More advanced topics covered include I/O streams, sorting and comparing files and directories, and installing additional software. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Linux Pocket Guide

Learn command line tricks, programs, and hacks you can use day to day as a Linux user, programmer, and system administrator. When you interact with the digital world, you can't go far without interacting with Linux systems. This book shows you how to leverage its power to serve your needs. Many users know \"top\" is installed on almost all Linux machines, but did you know with a few keystrokes you can customize it specifically for your needs? Stuck using `cd` and `ls` commands for navigating file systems? This book looks at how you can use Ranger to quickly navigate through multiple levels of folders, and quickly run bash commands without ever leaving the terminal. We also suggest programs that can be used for common tasks such as finding which programs are using the most processing, data download/upload, and file space. You'll know how to quickly connect to remote machines and run your commonly needed jobs in a keystroke or even on auto-pilot. With Basic Linux Terminal Tips and Tricks you'll be equipped with a wide range of tools that can be used for daily work and maintenance on all sorts of Linux systems including servers, desktops, and even embedded devices. What You Will Learn Work with common tools on your local network. Techniques for efficient use of command line. Easily manipulate text files for processing. Monitor the state of a system with a handful of popular programs. Combine programs to create useful processes. Who This Book Is For Anyone who is interested in Linux and Unix based operating systems as a hobby or for work.

Basic Linux Terminal Tips and Tricks

Unlock the power of Linux with this quick-start guide to leveling up your admin skills, packed with clear explanations and hands-on examples Key Features Explore Linux commands for mounting, file manipulation, and running Linux on the cloud Learn commands for checking and configuring network card statistics, firewall rules, and interfaces Understand how to utilize SELinux in keeping systems adequately hardened and avoiding various security risks Purchase of the print or Kindle book includes a free PDF eBook Book DescriptionThe role of a system administrator is ever-evolving, with the Linux command line at its core. This makes Linux command-line mastery an essential skill to demonstrate your ability to efficiently manage and maintain systems efficiently. Essential Linux Commands addresses a diverse range of topics, including package management, file manipulation, networking strategies, system monitoring, and diagnostic tools. Each command is intricately explained to eliminate any ambiguity, ensuring ease of implementation in real-world scenarios. This book explains how to use SELinux to maintain security, run Linux machines on AWS Cloud, and transfer and download files to remote systems. With the help of practical examples and use cases, you'll not only gain a thorough understanding of a command's syntax but also grasp its functional breadth and

limitations. The book also explores commands frequently used by system administrators to check network card statistics and firewall rules. Whether you're a beginner or an experienced administrator, this book is an invaluable resource, filling in the gaps in your skill set and helping you improve your skills and expertise in Linux administration. What you will learn Execute commands to launch applications, control services, and change network settings Develop your skills to use commands for package management, file manipulation, and networking Get clear explanations and practical examples for each command Discover tips and techniques to use the Linux command line effectively Get to grips with troubleshooting common problems and fixing errors Master best practices to manage and maintain Linux systems Develop expertise in system performance, security, and Linux in the cloud Who this book is for This book is for system administrators, IT professionals, and students who want to enhance their knowledge of Linux administration and improve their skills in this field. Whether you're just starting out in system administration or have years of experience, this book is an invaluable resource for mastering the Linux command line and becoming a more proficient system administrator. Essential Linux Commands is also well-suited for individuals interested in expanding their Linux know-how and its applications in various industries and environments.

Essential Linux Commands

Learn over 116 Linux commands to develop the skills you need to become a professional Linux system administrator Key Features Explore essential Linux commands and understand how to use Linux help tools Discover the power of task automation with bash scripting and Cron jobs Get to grips with various network configuration tools and disk management techniques Book Description Linux is one of the most sought-after skills in the IT industry, with jobs involving Linux being increasingly in demand. Linux is by far the most popular operating system deployed in both public and private clouds; it is the processing power behind the majority of IoT and embedded devices. Do you use a mobile device that runs on Android? Even Android is a Linux distribution. This Linux book is a practical guide that lets you explore the power of the Linux command-line interface. Starting with the history of Linux, you'll quickly progress to the Linux filesystem hierarchy and learn a variety of basic Linux commands. You'll then understand how to make use of the extensive Linux documentation and help tools. The book shows you how to manage users and groups and takes you through the process of installing and managing software on Linux systems. As you advance, you'll discover how you can interact with Linux processes and troubleshoot network problems before learning the art of writing bash scripts and automating administrative tasks with Cron jobs. In addition to this, you'll get to create your own Linux commands and analyze various disk management techniques. By the end of this book, you'll have gained the Linux skills required to become an efficient Linux system administrator and be able to manage and work productively on Linux systems. What you will learn Master essential Linux commands and analyze the Linux filesystem hierarchy Find out how to manage users and groups in Linux Analyze Linux file ownership and permissions Automate monotonous administrative tasks with Cron jobs and bash scripts Use aliases to create your own Linux commands Understand how to interact with and manage Linux processes Become well-versed with using a variety of Linux networking commands Perform disk partitioning, mount filesystems, and create logical volumes Who this book is for This book doesn't assume any prior Linux knowledge, which makes it perfect for beginners. Intermediate and advanced Linux users will also find this book very useful as it covers a wide range of topics necessary for Linux administration.

Learn Linux Quickly

Linux for beginners The truth is: As a modern-day professional, you might have been introduced to the Linux Operating System, some time or the other. You also probably use it every day without even realizing that you are using it. The Linux servers are responsible for running on Facebook, Google, Twitter and almost every other major site of internet. Linux is synonymous with the cloud as well. Kali Linux The truth is: Kali Linux is an open-source project which is maintained and funded by Offensive Security. It provides state-of-the-art information security training and penetration testing services. Do you want to know more about Kali Linux? Do you want to increase your knowledge about Kali Linux? Read On... It is a Debian-based Linux distribution which aims at advanced penetration Testing and Security Auditing. There are various tools in Kali which look after information security tasks like Security Research, Computer Forensics, Penetration Testing and Reverse Engineering. Released on 13th March, 2013, it is a comprehensive rebuild of the BackTrack Linux, maintaining the Debian development standards. Kali Linux includes more than 600 penetration testing tools. - Most of the supercomputers in the world. - Some of the stock exchanges like the NYSE. - The air traffic control systems. - Android phones and tablets. - CERN or the largest particle physics laboratory of the world. - The high-speed rails of Japan. So, you can very well understand that Linux is everywhere. The basic system or kernel for Linux is the same. The only things that might differ are the look and feel and the software ecosystems which differentiate one Linux distribution from the other. The best way to learn Linux is to use it and have a proper guide. - Learning fundamentals and technical overview - Uses of command lines - Master the basic functions and operation - Acquainted with the Linux file system and processes - The basic of Kali Linux - Step by step guide on how to install and download - Uses and applications of Kali Linux - List of all uses with applications - How scanning of devices in a network works - Learning the essential hacking command line - How Linux commands can be used in hacking

LINUX AND KALI LINUX

This handy cookbook teaches new-to-intermediate Linux users the essential skills necessary to manage a home or small business network. The recipes in this book are updated to cover new technologies such as systemctl, firewallld, modern package managers, the Raspberry Pi, and connecting Android and iOS devices to your network. You'll learn how to install, maintain, and troubleshoot a Linux system, add and remove software, manage filesystems, run backups and restores, manage name services, securely connect to remote systems, partition storage devices, build a LAN gateway on Raspberry Pi, and more: all the fundamental tasks you'll need to run and maintain a Linux system. Carla Schroder, author of over a thousand Linux how-tos for various publications, as well as the Networking Cookbook and the Book of Audacity, teaches the solid Linux foundations you need to build and run your network. How do you multiboot? Or troubleshoot software, hardware, and network issues? Each recipe addresses a specific problem and includes a discussion that explains the solution and provides insight into how it works. Learn how the Linux ecosystem is structured Enable smartphones and tablets to safely connect to your LAN Manage fundamental subsystems and essential tasks Secure remote access and build a firewall/internet gateway Manage users and groups, and filesystems and partitions Rescue nonbooting systems Manage name services and the Dynamic Host Configuration Protocol (DHCP)

Linux Cookbook

Develop a solid understanding of the important command-line tools and utilities in Linux Key Features Delve into the fundamentals of Linux Explore and work with virtualization, command lines, and Bash shell scripts Use special file permission flags such as setuid and setgid Book Description Linux is a Unix-like operating system assembled under the model of free and open source software development and distribution. Fundamentals of Linux will help you learn all the essentials of the Linux command line required to get you started. The book will start by teaching you how to work with virtualization software and install CentOS 7 Linux as a VM. Then, you will get to grips with the workings of various command line operations, such as cursor movement, commands, options, and arguments. As you make your way through the chapters, the book will not only focus on the most essential Linux commands but also give an introduction to Bash shell scripting. Finally, you will explore advanced topics, such as networking and troubleshooting your system, and you will get familiar with the advanced file permissions: ACL, setuid, and setgid. Fundamentals of Linux includes real-world tasks, use cases, and problems that, as a system administrator, you might encounter in your day-to-day activities. What you will learn Explore basic and advanced command-line concepts Install Linux, work with VirtualBox, and install CentOS 7 in VirtualBox Work with the command line efficiently and learn how to navigate through the Linux filesystem Create file and user group permissions and edit files Use Sticky bit to secure your Linux filesystem Define and remove ACL from Linux files Who this book is for Fundamentals of Linux is for individuals looking to work as a Linux system administrator.

Fundamentals of Linux

Your customers will never stop reading this guide !!! THIS BOOK INCLUDES ... 3 BOOK LINUX PROGRAMMING !!! LINUX Linux is well recognized and most used open-source operating system. As an operating system (OS) Linux is a software program that sits underneath all of the different software on a computer, receiving requests from those applications and relaying these requests to the computer's hardware. Linux commands are really identical from one Linux distribution (a.k.a. Version, distro) to some other. So, while you research a command in one Linux distribution, it really works the same in all Linux distributions. Many Linux distributions include \"point click\" GUI utilities that allow you to do the equal of Linux commands, but these are very slow and cumbersome to apply. Due to the fact Linux commands are the fast and clean way to do Linux device administration obligations, they're used for Linux system management, as opposed to the use of a GUI utility. If your professional intention is to research Linux system administration, while you research Linux commands, you are studying how to use Linux in addition to gaining knowledge of how to do Linux system administration for all Linux distributions right away. Even though Linux commands are taken into consideration as difficult to learn, you can learn them step by step in this book and spot how these instructions work. Buy it Now and let your customers get addicted to this amazing book !!

LINUX PROGRAMMING

Do you want to learn Linux and its fundamentals, improve your computer programming skills and become computing expertise? If yes, then keep reading... Linux has been well-

known as one of the most powerful operating systems in the world of cybersecurity and coding. Among its various components, Kali Linux is one of the distributions which can be treated like a boon for ethical hackers and IT people. However, everything comes with several problems. In this world of today, people have excessive trust in Kali Linux capabilities by default only. As a result, most users are not paying attention to the various manual aspects of Linux security. It is true that with Linux, you can automate many of your tasks. However, it also requires some manual touch for keeping everything with the pace. This fact even becomes more evident when it comes to the concept of security. Though an operating system might automate all your tasks, it is your task to be anxious always. You are required to keep a close eye on the settings of our application and various other details. When you have a well-configured Kali Linux system, it might turn out to be the most difficult thing to crack. However, most Kali Linux users do not have profound knowledge about what is required for keeping their whole systems locked up. If you start using a brand-new application, try to pay very close attention to its configuration details. Running the application with the same example settings and then using it is not the ideal option. It is not at all recommended. Some of the developers in the past also put decoy settings in the applications to make sure that the applications are prevented from running. This was a great way to ensure that all the users have checked out the file of a configuration of the application. When it comes to permissions, it forms an essential part of Linux. It is essential for a user to clearly understand how every permission functions and the implications of the various components of the OS. If you are shifting from Windows to Linux, the generalized concept might be a bit different and awkward for you. The general rule of Kali Linux is that you are not supposed to use root for your daily work. This might sound like a bit of a surprise for all the Windows users in which the operating system handles the various permissions, which are critical in nature in a different way. It is surely an inconvenient function to type a password each time you want the machine to execute a function. However, it is practical and will surely help prevent some serious security problems with your machine in the future. In this book, you will learn more about: Basic Linux commands Linux Installation File System Basic Shell Programming What to Do Next with Linux? Basic Kali Linux tools Command Syntax Patterns Linux Files and Directories Linux File System Searching User and Group Management Commands and Functions for the Beginner Using Linux Text Editors exercises Building Scripts Securing Your Linux Server GNU Utilities Control Privileged User ... AND MORE!!! What are you waiting for? Don't wait anymore; press the buy now button and get started.

Linux for Beginners

Instead of the usual rehash of Linux documentation, this concise reference to commands and configuration files explains things from a real-world perspective and is packed with structured content that goes beyond the ordinary reference of commands.

Linux Essential Reference

An indispensable working resource for IT professionals moving to Linux-based network systems This new edition of Linda and Al McKinnon's book satisfies a long-standing need among IT professionals for a comprehensive guide to installing and administering Linux-topics usually covered in a more superficial manner as parts of larger Linux references. In addition to providing complete step-by-step installation instructions, this fast-paced guide shows readers how to perform all essential administrative tasks, including creating users and passwords, managing files and directories, and customizing the environment. Readers also learn how to make the most of Linux Shells and utilities, use the vi editor, and much

more. Responding to the ongoing needs of IT professionals for current and reliable information on the latest technologies, Wiley Computer Publishing introduces the Gearhead Press titles. These books, written by accomplished trainers in their respective fields, focus on real-world examples and case studies to give readers the best information on leading topics. The Gearhead Press titles are characterized by two imprints: In the Trenches and Point to Point-both series include fast-paced books written by fellow IT professionals who have been there and done that. In the Trenches books introduce technologies, guide readers to proficiency, and serve as practical, hands-on references after the initial tasks are accomplished. The Point to Point titles invite readers to join an IT team at a model company and implement technologies in real-world environments-demonstrating actual problems and solutions.

Installing and Administering Linux

If you use Linux in your day-to-day work, then Linux Pocket Guide is the perfect on-the-job reference. This 20th anniversary edition adds new commands for file handling, package management, version control, file format conversions, and more, including commands suggested by readers. Linux Pocket Guide provides an organized learning path for the most useful Linux commands, grouped by functionality. For novices who need to get up to speed and experienced users who want a concise and functional reference, this guide delivers quick answers. You'll learn: Essential concepts--commands, shells, users, and the filesystem File commands-creating, organizing, manipulating, and processing files of all kinds SysAdmin basics-superusers, processes, user management, and software installation Filesystem maintenance-disks, RAID, logical volumes, backups, and more Networking commands-working with hosts, network connections, email, and the web Getting stuff done-everything from math to version control to graphics and audio This practical book will be your everyday guide to the most important Linux commands.

Linux Pocket Guide

Essential Computer and it Fundamentals for Engineering And S

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