

Linux Apache Web Server Administration Craig Hunt Linux Library

Describes the history of the Web server platform and covers downloading and compiling, configuring and running the program on UNIX, writing specialized modules, and establishing security routines.

As an administrator of a Novell® Open Enterprise Server (OES) on a SUSE® LINUX system, you are looking for ways to leverage it as a platform for delivering Novell's robust network services. Look no further. Novell Open Enterprise Server Administrator's Handbook, SUSE LINUX Edition provides you with the information that you need to take advantage of Novell rich array of network management tools on a SUSE-powered system. By focusing on the implementation of OES on the SUSE LINUX platform, administrators learn how to integrate the benefits of OES in an existing environment. While this is not a reference work for network theory, protocols or architectures, it will provide the reader with a brief introduction to the concepts necessary to understand features of the product. Novell Open Enterprise Server Administrator's Handbook, SUSE LINUX Edition provides you with quick access to the information about the technologies, concepts and techniques that you need to get the job done.

Aimed at practising system administrators, this is a comprehensive guide to the setting up and running of a TCP/IP network. Craig Hunt discusses Internet routing protocols, and presents a tutorial on configuring important network services.

"The complete guide to securing your Apache web server"--Cover.

Modern Linux Administration

Using Linux, Apache, MySQL, Perl, and PHP

Mastering Ubuntu Server

Apache Security

Linux Apache Web Server Administration

Mastering Linux Administration

Summary Linux in Action is a task-based tutorial that will give you the skills and deep understanding you need to administer a Linux-based system. This hands-on book guides you through 12 real-world projects so you can practice as you learn. Each chapter ends with a review of best practices, new terms, and exercises. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology You can't learn anything without getting your hands dirty— including Linux. Skills like securing files, folders, and servers, safely installing patches and applications, and managing a network are required for any serious user, including developers, administrators, and DevOps professionals. With this hands-on tutorial, you'll roll up your sleeves and learn Linux project by project. About the Book Linux in Action guides you through 12 real-world projects, including automating a backup-and-restore system, setting up a private Dropbox-style file cloud, and building your own MediaWiki server. You'll try out interesting examples as you lock in core practices like virtualization, disaster recovery, security, backup, DevOps, and system troubleshooting. Each chapter ends with a review of best practices, new terms, and exercises. What's inside Setting up a safe Linux environment Managing secure remote connectivity Building a system recovery device Patching and upgrading your system About the Reader No prior Linux admin experience is required. About the Author David Clinton is a certified Linux Server Professional, seasoned instructor, and author of Manning's bestselling Learn Amazon Web Services in a Month of Lunches. Table of Contents Welcome to Linux Linux virtualization: Building a Linux working environment Remote connectivity: Safely accessing networked machines Archive management: Backing up or copying entire file systems Automated administration: Configuring automated offsite backups Emergency tools: Building a system recovery device Web servers: Building a MediaWiki server Networked file sharing: Building a Nextcloud file-sharing server Securing your web server Securing network connections: Creating a VPN or DMZ System monitoring: Working with log files Sharing data over a private network Troubleshooting system performance issues Troubleshooting network issues Troubleshooting peripheral devices DevOps tools: Deploying a scripted server environment using Ansible

The Apache HTTP Server 2.2 Official Documentation books covers all aspects of using and managing for the world's most popular web server.

Authoritative Answers to All Your Apache Questions--Now Updated to Cover Apache 2.0 Linux Apache Web Server Administration is the most complete, most advanced guide to the Apache Web server you'll find anywhere. Written by a leading Apache expert--and now updated to cover Apache 2.0--this book teaches you, step-by-step, all the standard and advanced techniques you need to know to administer Apache on a Linux box. Hundreds of clear, consistent examples illustrate these techniques in detail--so you stay on track and accomplish all your goals. Coverage includes: * Compiling Apache from source code * Creating and hosting virtual web sites * Using Server-Side Includes to create Web pages with dynamic content * Using Apache directives to configure your site * Extending Apache using add-on modules * Using the Common Gateway Interface for web programming * Enhancing the performance of CGI programs with FastCGI and mod_perl * Installing Apache support for PHP * Extending Apache to run Java servlets or Java Server Pages * Attaching Apache to a database server * Using URL rewriting for increased request-handling flexibility * Implementing user authentication * Adding Secure Sockets Layer for enhanced system security * Customizing Apache's log formats The Craig Hunt Linux Library The Craig Hunt Linux Library provides in-depth, advanced coverage of the key topics for Linux administrators. Topics include Samba, System Administration, DNS Server Administration, Network Servers, Security, and Sendmail. Each book in the series is either written by or meticulously reviewed by Craig Hunt to ensure the highest quality and most complete coverage for networking professionals working specifically in Linux environments.

The Internet/Intranet revolution has created a renewed interest in Linux networking and Web servers. This handy kit provides Linux-compatible Web tools and outlines how to implement them to create a secure and stable Web server on a Linux network. The book includes day-to-day Web server administration--plus all the software one needs on the CD-ROM.

Solutions and Examples for Apache Administration

Learn to Build a Fully Functional and Well-Secured Enterprise Class Internet Server

On Redhat Linux 7.1

A Beginner's Guide

The Definitive Guide

A comprehensive guide to installing, configuring, and maintaining Linux systems in the modern data center

Develop advanced skills for working with Linux systems on-premises and in the cloud Key FeaturesBecome proficient in everyday Linux administration tasks by mastering the Linux command line and using automationWork with the Linux filesystem, packages, users, processes, and daemonsDeploy Linux to the cloud with AWS, Azure, and KubernetesBook Description Linux plays a significant role in modern data center management and provides great versatility in deploying and managing your workloads on-premises and in the cloud. This book covers the important topics you need to know about for your everyday Linux administration tasks. The book starts by helping you understand the Linux command line and how to work with files, packages, and filesystems. You'll then begin administering network services and hardening security, and learn about cloud computing, containers, and orchestration. Once you've learned how to work with the command line, you'll explore the essential Linux commands for managing users, processes, and daemons and discover how to secure your Linux environment using application security frameworks and firewall managers. As you advance through the chapters, you'll work with containers, hypervisors, virtual machines, Ansible, and Kubernetes. You'll also learn how to deploy Linux to the cloud using AWS and Azure. By the end of this Linux book, you'll be well-versed with Linux and have mastered everyday administrative tasks using workflows spanning from on-premises to the cloud. If you also find yourself adopting DevOps practices in the process, we'll consider our mission accomplished. What you will learnUnderstand how Linux works and learn basic to advanced Linux administration skillsExplore the most widely used commands for managing the Linux filesystem, network, security, and moreGet to grips with different networking and messaging protocolsFind out how Linux security works and how to configure SELinux, AppArmor, and Linux iptablesWork with virtual machines and containers and understand container orchestration with KubernetesWork with containerized workflows using Docker and KubernetesAutomate your configuration management workloads with AnsibleWho this book is for If you are a Linux administrator who wants to understand the fundamentals and as well as modern concepts of Linux system administration, this book is for you. Windows System Administrators looking to extend their knowledge to the Linux OS will also benefit from this book.

Modern Web Server Administration introduces the skills you'll need to manage a Linux web server. You'll discover how to install the Postfix SMTP email server, how to build a complete LAMP (Linux-Apache-MySQL-PHP) stack, and how to install WordPress along with additional WP themes and plugins. You'll then go on to learn how to back up your server, how to recover after a disaster, how to monitor and measure your web site's performance, and how to keep your software up to date. You'll also learn how you can implement security measures at every step of the way. The fifteen lessons in this book follow a learn-by-doing approach.

This book will be a comprehensive resource for all programmers and web developers who wish to work with Apache. It will include coverage on specialized topics such as: e-commerce, database interaction, module construction. Book will be written to support Windows, Unix, and Linux, the primary platforms for Apache.

Achieve Linux system administration mastery with time-tested and proven techniques In Mastering Linux System Administration, Linux experts and system administrators 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 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 and secure Linux servers.

Apache Cookbook

Apache Web Server Administration & E-commerce Handbook

Web Programming

Linux Web Server Toolkit

Modern Web Server Administration Using Linux and Wordpress

Linux in Action

Web Server Administration offers a comprehensive overview of the tools and techniques needed to succeed as a Web Server Administrator as well as the tasks they are expected to perform. This text provides and introduction to the basics of this job role, covers server installation, and then moves on to the installation, configuration, and administration of Web servers. This text covers all topics for both Linux and a Microsoft Windows server environments. Work with Microsoft Windows 2000 Server and Windows Server 2003, Red Hat Linux, Internet Information Services (IIS), Apache Web server, Microsoft SQL Server, MySQL, Microsoft Exchange 2000 Server, sendmail, and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Learn the skills to complete the full installation, configuration, and maintenance of an enterprise class internet server, no matter what Unix-like operating system you prefer. This book will rapidly guide you towards real system administration, with clear explanations along the way. After a chapter explaining the most important Unix basics, you will start with a vanilla server as delivered by a hosting provider and by the end of the book, you will have a fully functional and well-secured enterprise class internet server. You will also be equipped with the expertise needed to keep your server secured and up to date. All configuration examples are given for FreeBSD, Debian and CentOS, so you are free to choose your operating system. No single blueprint exists for an internet server, and an important part of the work of a system administrator consists of analyzing, interpreting and implementing specific wishes, demands and restrictions from different departments and viewpoints within an organization. Practical Internet Server Configuration provides the information you need to succeed as a sysadmin. What You'll Learn Configure DNS using Bind 9 Set up Apache and Nginx Customize a mail server: IMAP (Dovecot) and SMTP (Postfix), spam filtering included Authenticate mail users using LDAP Install and maintain MariaDB and PostgreSQL databases Prepare SSL/TLS certificates for the encryption of web, mail and LDAP traffic Synchronize files, calendars and address books between devices Build a firewall: PF for FreeBSD and nftables for Linux Who This Book Is For This book can be used by aspiring and beginning system administrators who are working on personal servers, or more experienced system administrators who may know Unix well but need a reference book for the more specialized work that falls outside the daily routine. Basic understanding of Unix and working on the command line is necessary.

This book gives detailed instructions on how to use, optimize, and troubleshoot mod_perl. It shows how to get this Apache module running quickly and easily.

" As an author, editor, and publisher, I never paid much attention to the competition—except in a few cases. This is one of those cases. The UNIX System Administration Handbook is one of the few books we ever measured ourselves against. " —Tim O ' Reilly, founder of O ' Reilly Media " This edition is for those whose systems live in the cloud or in virtualized data centers; those whose administrative work largely takes the form of automation and configuration source code; those who collaborate closely with developers, network engineers, compliance officers, and all the other worker bees who inhabit the modern hive. " —Paul Vixie, Internet Hall of Fame-recognized innovator and founder of ISC and Farsight Security " This book is fun and functional as a desktop reference. If you use UNIX and Linux systems, you need this book in your short-reach library. It covers a bit of the systems ' history but doesn ' t bloviate. It ' s just straight-forward information delivered in a colorful and memorable fashion. " —Jason A. Nunnelley UNIX® and Linux® System Administration Handbook, Fifth Edition, is today ' s definitive guide to installing, configuring, and maintaining any UNIX or Linux system, including systems that supply core Internet and cloud infrastructure. Updated for new distributions and cloud environments, this comprehensive guide covers best practices for every facet of system administration, including storage management, network design and administration, security, web hosting, automation, configuration management, performance analysis, virtualization, DNS, security, and the management of IT service organizations. The authors—world-class, hands-on technologists—offer indispensable new coverage of cloud platforms, the DevOps philosophy, continuous deployment, containerization, monitoring, and many other essential topics. Whatever your role in running systems and networks built on UNIX or Linux, this conversational, well-written ¿ guide will improve your efficiency and help solve your knottiest problems.

Novell Open Enterprise Server Administrator's Handbook, SUSE LINUX Edition

Practical Mod_perl

TCP/IP Network Administration

Apache Server Unleashed

Installing and Configuring Web Servers Using Apache

This book is for Web developers who want to learn how to use Linux and Apache for website hosting. The text covers installation of Linux and Apache 2.0 on a home or office machine for testing purposes and how to perform dozens of common administration, security and optimization tasks.

A guide for Web developers and system administrators explores Apache Server's underlying architecture while explains how to fine tune the server for specific traffic use and addressing security issues

Best-selling author Mohammed Kabir expands coverage to include how to make practical use of the Apache Server. Written in the Bible's well-known comprehensive style, this book covers the "new" release of the award-winning Apache Web Server software.

Presents an overview of LAMP and Open Source technologies to build Web applications.

Linux Network Servers

Professional Apache

Web Database Applications with PHP and MySQL

A Practical Guide to Linux System Administration

UNIX and Linux System Administration Handbook

Linux Operations and Administration

Authoritative Answers to All Your Linux Network Server Questions--Specifically for Linux Administrators Tap into Linux's impressive capabilities as a network server. Written by one of the world's leading Linux system administration experts, Linux Network Servers teaches you, step-by-step, all the standard and advanced techniques you need to know to configure and administer a full range of network services, from file and printer sharing to email and the Web. Hundreds of clear, consistent examples illustrate these techniques in detail--so you stay on track and accomplish all your goals. Coverage includes the following: Installing Linux Understanding the boot process Working with the network interface Setting up login services Using Linux name services Configuring a mail server Setting up Apache Web server Configuring network gateway services Configuring desktop configuration server Setting up file sharing Setting up printer services Securing your server Troubleshooting The Craig Hunt Linux Library The Craig Hunt Linux Library provides in-depth, advanced coverage of the key topics for Linux administrators. Topics include Samba, System Administration, DNS Server Administration, Apache, Security, and Sendmail. Each book in the series is either written by or meticulously reviewed by Craig Hunt to ensure the highest quality and most complete coverage for networking professionals working specifically in Linux environments.

This book is aimed at the practicing programmer seeking to use Python and Linux to rapidly develop web and enterprise services. Will be especially important to those involved in e-commerce programming.

This book highlights practical sysadmin skills, common architectures that you'll encounter, and best practices that apply to automating and running systems at any scale, from one laptop or server to 1,000 or more. It is intended to help orient you within the discipline, and hopefully encourages you to learn more about system administration.

A guide geared toward seasoned Linux and Unix administrators offers practical knowledge for managing a range of Linux systems and servers, covering such topics as installing servers, setting up e-mail systems, and creating shell scripts.

How to Setup a Linux Web Server

Practical Internet Server Configuration

Easing the Administration and Creation of Web Pages Using Apache Web Server

Open Source Web Development with LAMP

Build Your Own Web Server Using Linux and Apache

Gain expertise in the art of deploying, configuring, managing, and troubleshooting Ubuntu Server, 3rd Edition

Get up-to-speed quickly on running a network using Apache Server with this introductory guide. Aimed at administrators new to Apache, this practical guide offers tips for running Apache on multiple platforms and contains clear, straightforward advice for administering Apache effectively in today's Web environment.

Linux Apache Web Server AdministrationSybex

Managing and troubleshooting Web servers is an integral part of every IT professional's job. Apache is an open source Web server that has captured 63% of the more than 18 million Web servers currently in place. This guide provides the in-depth information, skills, and techniques needed to effectively maintain an Apache Web server. With Linux growing rapidly in popularity as an enterprise solution, companies now more than ever are looking for IT professionals who are Linux certified. Designed and developed by the industry-leading members of Sair, Inc. and its advisory board, the Sair Linux and GNU Certification program provides IT professionals with a clear path for improving their Linux skills and knowledge base, while giving employers the means for ensuring the competency level of their staff. The LCE books in this series of study guides help readers master the areas of expertise necessary to pass the certification exam for becoming a Linux Certified Engineer (LCE). Readers will also get prep help through lab exercises and sample questions from the LCE exam.

Oracle Corporation has broadened its development platform, integrating open standards such as Java and XML into the heart of the Oracle 8i database. This extended programming environment continues to exploit the qualities of scalability, reliability and efficiency of the world's most successful data management software, but at the same time it provides new challenges and opportunities to programmers.

How to Become a Cutting-edge Linux Administrator

Making Servers Work

Sair Linux and GNU Certification Level II, Apache and Web Servers

Craig Hunt Linux Library

Apache Server 2 Bible

Apache HTTP Server 2.2 Official Documentation - Volume I. Server Administration

The Point to Point(TM) solution-based approach to setting up an in-house Web server As more and more small and mid-sized companies turn to in-house servers for Web hosting, IT professionals and system managers are looking for guidance on server setup, configuration, and administration tasks. Focusing on the open-source Web server Apache--the most widely used platform for Web services--the author walks readers through the entire task of installing, configuring, and maintaining Apache on Linux as well as Windows NT/2000 platforms. Along with an introduction to all of Apache's newest tools and features such as WebDAV, this book clearly explains how to plan for hardware and software requirements, how to publish Web content, and how to maintain and troubleshoot the server once it's installed.

This is the third edition of the bestselling one-stop resource for sysadmins and DevOps professionals to learn, configure and use Ubuntu 20.04 for their day-to-day operations and deployments. Key FeaturesA hands-on book that will teach you how to deploy, maintain and troubleshoot Ubuntu Server**Learn to leverage the improved performance and security-related aspects of Ubuntu Server 20.04 LTS**New chapters dedicated to exploring Ubuntu for cloud**Book Description** Ubuntu Server has taken data centers around the world by storm. Whether you're deploying Ubuntu for a large-scale project or for a small office, it is a stable, customizable, and powerful Linux distribution with innovative and cutting-edge features. For both simple and complex server deployments, Ubuntu's flexible nature can be easily adapted to meet to the needs of your organization. This third edition is updated to cover the advancements of Ubuntu 20.04 LTS and further train you to understand how to use Ubuntu Server, from initial deployment to creating production-ready resources for your network. The book begins with the concepts of user management, group management, and file system permissions. Continuing into managing storage volumes, you will learn how to format storage devices, utilize logical volume management, and monitor disk usage. Later, you will learn how to virtualize hosts and applications, which will include setting up QEMU & KVM, as well as containerization with both Docker and LXD. As the book continues, you will learn how to automate configuration with Ansible, as well as take a look at writing scripts. Lastly, you will explore best practices and troubleshooting techniques when working with Ubuntu Server that are applicable to real-world scenarios. By the end of this Ubuntu Server book, you will be well-versed in Ubuntu server's advanced concepts and attain the required proficiency needed for Ubuntu Server administration. What you will learn**Manage users, groups, and permissions**Optimize the performance of system resources**Perform disk encryption and decryption with Linux Unified Key Setup (LUKS)**Set up Secure Shell (SSH) for remote access, and connect it to other nodes**Share directories using Samba and Network File System (NFS)**Get familiar with scripting to improve command-line efficiency**Configure VMs, containers, and orchestrate with MicroK8s and Kubernetes**Automate server deployments with Ansible and cloud server deployments with Terraform**Who this book is for** The book is written to cater to sysadmins and DevOps professionals whose teams are planning to employ an Ubuntu/Linux environment for their development needs. Prior knowledge of Ubuntu is not required. However, it is assumed that you possess some IT admin, Linux, and shell scripting experience.

Apache Administrator's Handbook is a comprehensive manual on the Apache Web server. Designed to be a hands-on, comprehensive desk reference, it covers everything from installation to configuration, performance tuning, security, logging, and dynamic content. The book covers Apache 2.0 and also provides information on migrating from Apache 1.3 and earlier.

This book is designed as an Ubuntu 18.04 LTS Server administration and reference source, covering the Ubuntu servers and their support applications. Server tools are covered as well as the underlying configuration files and system implementations. The emphasis is on what administrators will need to know to perform key server support and management tasks. Coverage of the systemd service management system is integrated into the book. Topics covered include software management, systemd service management, systemd-networkd and Netplan network configuration, AppArmor security, OpenSSH, the Chrony time server, and Ubuntu cloud services. Key servers are examined, including Web, FTP, CUPS printing, NFS, and Samba Windows shares. Network support servers and applications covered include the Squid proxy server, the Domain Name System (BIND) server, DHCP, distributed network file systems, IPtables firewalls, and cloud computing. The book is organized into five parts: getting started, services, shared resources, network support, and shells.

Ubuntu 18.04 LTS Server: Administration and Reference

Apache Administrator's Handbook

Apache

System Administration and Module Development

Linux Sendmail Administration

Managing Linux Systems with Webmin

This book shows you how to build your own Linux Web server with Ubuntu Linux and host your own website at home for free without having to pay a web hosting company like GoDaddy or Web.com. Whether you are ten years old or 80, even if you have never worked with Linux before and you are not that good with computers, you can setup a Linux Web Server by following the simple, easy-to-follow steps in this book. Setup an Ubuntu Linux Server from scratch. Create your own domain name. Make a simple web page. Get your server to be seen by the Internet. Use FTP to edit your web pages. Process HTML form submissions. Program a MySQL database to store a guest book. Use PHP to integrate your web page with MySQL. Add a visitor counter to your web page. Setup Free Dynamic DNS Forwarding Backup your MySQL Databases Use Linux, MySQL and PHP security features. Accept payment with PayPal buttons.

Provides instructions on using Webmin, covering such topics as installation, partitions, system logs, firewall configuration, cluster modules, and Webmin modules.

Combines language tutorials with application design advice to cover the PHP server-side scripting language and the MySQL database engine.

This is a collection of problems, solutions, and practical examples for webmasters, web administrators, programmers, and anyone who works with Apache.

Linux System Administration

Techniques for Integrating Python, Linux, Apache, and MySQL

Web Server Administration

Mastering Linux System Administration

Apache Server 2.0

LINUX OPERATIONS AND ADMINISTRATION introduces readers to Linux operations and system administration through a unified installation, using virtual machines. This text is more effective than those that take a professional approach because it eliminates confusion from working with differing hardware configurations, while allowing users to test interoperability between Linux and Windows. Detailed, yet reader-friendly, Linux Operations and Administration makes it easy to learn Linux and practice it with helpful in-text features like learning objectives and key terms, as well as items for self assessment such as review questions, hands-on activities, and case projects. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Provides a definitive guide to the use of Apache on a Linux system, offering a close-up look at a host of Apache text commands, configuration files, and their applications and presenting helpful advice on Web server administration. Original. (Advanced)