

## Linux Apache Web Server Administration Craig Hunt Linux Library

Master the Techniques for Creating Data-Driven Websites with Dreamweaver MX Harness the power of Dreamweaver MX to build dynamic, database-driven websites. Mastering Dreamweaver MX Databases equips you with all the coding and database skills you need. You'll find focused coverage of key Dreamweaver MX features, plus highly practical instruction relating to the most important scripting languages and databases supported by Dreamweaver MX. Topics include: Creating ASP, JSP, ColdFusion, ASP.NET, and PHP pages Connecting to SQL Server, MySQL, Oracle, Access, and other ODBC databases Capturing, storing, retrieving, and updating data Choosing the language and database combination that's right for your purpose Mastering the Dreamweaver MX data view, insert, and update features Creating recordsets and queries in Dreamweaver MX-supported languages and databases Securing your site and database using Dreamweaver MX features and best practices Designing pages using live data from your database with Dreamweaver's Live Data view Saving time using master/detail forms and templates Creating search pages for your database Using the extensions available to Dreamweaver MX to aid database development Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

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.

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 complete guide to setting up and running a TCP/IP network is essential for network administrators, and invaluable for users of home systems that access the Internet. The book starts with the fundamentals -- what protocols do and how they work, how addresses and routing are used to move data through the network, how to set up your network connection -- and then covers, in detail, everything you need to know to exchange information via the Internet. Included are discussions on advanced routing protocols (RIPv2, OSPF, and BGP) and the gated software package that implements them, a tutorial on configuring important network services -- including DNS, Apache, sendmail, Samba, PPP, and DHCP -- as well as expanded chapters on troubleshooting and security. TCP/IP Network Administration is also a command and syntax reference for important packages such as gated, pppd, named, dhcpcd, and sendmail. With coverage that includes Linux, Solaris, BSD, and System V TCP/IP implementations, the third edition contains: Overview of TCP/IP Delivering the data Network services Getting started M Basic configuration Configuring the interface Configuring routing Configuring DNS Configuring network servers Configuring sendmail Configuring Apache Network security Troubleshooting Appendices include dip, pppd, and chat reference, a gated reference, a dhcpcd reference, and a sendmail reference This new edition includes ways of configuring Samba to provide file and print sharing on networks that integrate Unix and Windows, and a new chapter is dedicated to the important task of configuring the Apache web server. Coverage of network security now includes details on OpenSSH, stunnel, gpg, iptables, and the access control mechanism in xinetd. Plus, the book offers updated information about DNS, including details on BIND 8 and BIND 9, the role of classless IP addressing and network prefixes, and the changing role of registrars. Without a doubt, TCP/IP Network Administration, 3rd Edition is a must-have for all network administrators and anyone who deals with a network that transmits data over the Internet.

Web Development with JavaScript and AJAX teaches your students the cutting-edge techniques for web development for Web 2.0 and 3.0. Ideal for the undergraduate student delving into the world of web development, this text illustrates how to create dynamic, interactive web applications with ease. Interesting real-world case studies are integrated throughout the text, offering students a glimpse of actual web development scenarios. AJAX is quickly becoming the number one tool in the Web industry. Make sure your students are up to speed using Web Development with JavaScript and AJAX. Instructor's materials, including PowerPoint lecture slides, test items, and PowerPoint figures and tables, are available. Contact your sales representative for more information. Key topics include: Introduction to Web 2.0 and Web 3.0, HTML, XHTML, and JavaScript, AJAX Basics, Server Side Technology, AJAX with database, and much more!

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.

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.

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.

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)

\* Updated to cover Red Hat Linux Enterprise Workstation with the latest on advanced Linux kernel features, the Tux Web server, the latest Apache 2.x Web server, and the expanded suite of custom configuration tools \* Starts with network planning and Red Hat installation and configuration, then progresses to optimizing network and Internet services and monitoring and maintaining the network \* Examines the basics of Red Hat Linux security and offers trouble-shooting and problem-solving advice \* Includes important new chapters that focus on optimizing standard network services, such as file and print services, and Internet-related servers, such as the Apache Web server Copyright © 2004 by Red Hat, Inc. Material from Chapters 4-6, 8-10, 17 and 21 may be distributed only subject to the terms and conditions set forth in the Open Publication License, V1.0 or later (the latest version is presently available at <http://www.opencontent.org/openpub/>).

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.

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.

Linux is in high demand, and experienced Linux administrators are being hired and promoted at an unprecedented rate. Are you ready to take your Linux knowledge to the next level? With Advanced SUSE Linux Administration (Course 3038 v2.0), you will learn how to perform advanced administration tasks on SUSE Linux Enterprise Server 9: installation and manual configuration, performance tuning, backup and recovery services, and much more. Before attending this course, you should complete the prerequisite course - which include Getting Started with Linux: Novell's Guide to CompTIA's Linux+ (Course 3060) and SUSE Linux Administration (Course 3037) - or have experience managing SUSE Linux Enterprise Server 9 servers in a networked environment.

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.

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 covers strategies on using and evaluating open source products for online teaching and learning systems"--Provided by publisher. If you are a Linux administrator who is looking to gain knowledge that differentiates yourself from the crowd, then this is the book for you. Beginners who have a keen interest to learn more about Linux administration will also progress quickly with this resourceful learning guide.

Get hands-on recipes to make the most of Ubuntu Server, CentOS 7 Linux Server and RHEL 7 Server About This Book Get Linux servers up and running in seconds, In-depth guide to explore new features and solutions in server administration Maintain performance and security of your server solution by deploying expert configuration advice Who This Book Is For This Learning Path is intended for system administrators with a basic understanding of Linux operating systems and written with the novice-to-intermediate Linux user in mind. To get the most of this Learning Path, you should have a working knowledge of basic system administration and management tools. What You Will Learn Set up high performance, scalable, and fault-tolerant back ends with web and database servers Facilitate team communication with a real-time chat service and collaboration tools Monitor, manage and develop your server's file system to maintain a stable performance Gain best practice methods on sharing files and resources through a network Install and configure common standard services such as web, mail, FTP, database and domain name server technologies Create kickstart scripts to automatically deploy RHEL 7 systems Use Orchestration and configuration management tools to manage your environment In Detail Linux servers are frequently selected over other server operating systems for their stability, security and flexibility advantages. This Learning Path will teach you how to get up and running with three of the most popular Linux server distros: Ubuntu Server, CentOS 7 Server, and RHEL 7 Server. We will begin with the Ubuntu Server and show you how to make the most of Ubuntu's advanced functionalities. Moving on, we will provide you with all the knowledge that will give you access to the inner workings of the latest CentOS version 7. Finally, touching RHEL 7, we will provide you with solutions to common RHEL 7 Server challenges. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: 1) Ubuntu Server Cookbook 2) CentOS 7 Linux Server Cookbook, Second Edition 3) Red Hat Enterprise Linux Server Cookbook Style and approach This easy-to-follow practical guide contains hands on examples and solutions to real world administration problems and problems faced when building your RHEL 7 system from scratch using orchestration tools.

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

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 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 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.

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

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Apache is far and away the most widely used web server platform in the world. Both free and rock-solid, it runs more than half of the world's web sites, ranging from huge e-commerce operations to corporate intranets and smaller hobby sites, and it continues to maintain its popularity, drawing new users all the time. If you work with Apache on a regular basis, you have plenty of documentation on installing and configuring your server, but where do you go for help with the day-to-day stuff, like adding common modules or fine-tuning your activity logging? The Apache Cookbook is a collection of problems, solutions, and practical examples for webmasters, web administrators, programmers, and everyone else who works with Apache. For every problem

addressed in the book, there's a worked-out solution or "recipe"--short, focused pieces of code that you can use immediately. But this book offers more than cut-and-paste code. You also get explanations of how and why the code works, so you can adapt the problem-solving techniques to similar situations. The recipes in the Apache Cookbook range from simple tasks, such as installing the server on Red Hat Linux or Windows, to more complex tasks, such as setting up name-based virtual hosts or securing and managing your proxy server. The two hundred plus recipes in the book cover additional topics such as: Security Aliases, Redirecting, and Rewriting CGI Scripts, the suexec Wrapper, and other dynamic content techniques Error Handling SSL Performance The impressive collection of useful code in this book is a guaranteed timesaver for all Apache users, from novices to advanced practitioners. Instead of poking around mailing lists, online documentation, and other sources, you can rely on the Apache Cookbook for quick solutions to common problems, and then you can spend your time and energy where it matters most. Build Dynamic Websites with PHP and MySQL—and Extend Those Sites with Web Services PHP and MySQL are great tools for building database-driven websites. There's nothing new about that. What is new is the environment in which your site operates—a world rich (and growing richer) in web services that can add value and functionality in many different ways. Creating Interactive Web Sites with PHP and Web Services walks you through every step of a major web project—a content-management system—teaching you both the basic techniques and little-known tricks you need to build successful web sites. And you can use those skills to develop dynamic applications that will meet your special requirements. Here's some of what you'll find covered inside: Adding, deleting, and displaying data with a custom content-management system Building a template system with PHP Interacting with web services using PHP and MySQL Creating and managing a user system and a shopping cart Processing credit card payments using merchant accounts and third-party payment solutions Tracking site statistics using PHP and MySQL Enhancing your site with third-party scripts Tons of examples, complete with explanations and supported by online source code, will speed your progress, whether you're a true beginner or already have PHP experience. This book is platform-agnostic, so it doesn't matter if you're deploying your site on Linux or Windows. You also get PHP and MySQL references, so you can quickly resolve questions about syntax and similar issues.

Although technology and productivity has changed much of engineering, many topics are still taught in very similarly to how they were taught in the 70s. Using a new approach to engineering economics, *Systems Life Cycle Costing: Economic Analysis, Estimation, and Management* presents the material that a modern engineer must understand to work as a practicing engineer conducting economic analysis. Organized around a product development process that provides a framework for the material, the book presents techniques such as engineering economics and simulation-based costing (SBC), with a focus on total life cycle understanding and perspective and introduces techniques for detailed analysis of modern complex systems. The author includes rules of thumb for estimation grouped with the methods, processes, and tools (MPTs) for conducting a detailed engineering buildup for costing. He presents the estimating costing of complex systems and software and then explores concepts such as design to cost (DTC), cost as an independent variable (CAIV), the role of commercial off-the-shelf technology, cost of quality, and the role of project management in LCC management. No product or services are immune from cost, performance, schedule, quality, risks, and tradeoffs. Yet engineers spend most of their formal education focused on performance and most of their professional careers worrying about resources and schedule. Too often, the design stage becomes about the technical performance without considering the downstream costs that contribute to the total life cycle costs (LCC) of a system. This text presents the methods, processes, and tools needed for the economic analysis, estimation, and management that bring these costs in line with the goals of pleasing the customer and staying within budget.

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

Develop advanced skills for working with Linux systems on-premises and in the cloud Key Features Become proficient in everyday Linux administration tasks by mastering the Linux command line and using automation Work with the Linux filesystem, packages, users, processes, and daemons Deploy Linux to the cloud with AWS, Azure, and Kubernetes Book 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 learn Understand how Linux works and learn basic to advanced Linux administration skills Explore the most widely used commands for managing the Linux filesystem, network, security, and more Get to grips with different networking and messaging protocols Find out how Linux security works and how to configure SELinux, AppArmor, and Linux iptables Work with virtual machines and containers and understand container orchestration with Kubernetes Work with containerized workflows using Docker and Kubernetes Automate your configuration management workloads with Ansible Who 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.

A guide to administering WebLogic server covers such topics as architecture, domains, clustering, and monitoring.

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.

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.

Here's the book you need to prepare for Exam 1D0-450, CIW Server Administrator. This Study Guide provides: In-depth coverage of official exam objective groups Practical information on managing Hundreds of challenging review questions, in the book and on the CD Leading-edge exam preparation software, including a testing engine and electronic flashcards Authoritative coverage of all exam topics, including: Creating password policies and permissions Implementing the Domain Name System (DNS) Selecting and implementing popular web servers Performing Secure Sockets Layer (SSL) transactions Analyzing server and service logs Evaluating system performance Configuring and managing news servers and e-mail servers Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. Combines language tutorials with application design advice to cover the PHP server-side scripting language and the MySQL database engine.

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 an 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.

Pro Ubuntu Server Administration teaches you advanced Ubuntu system building. After reading this book, you will be able to manage anything from simple file servers to multiple virtual servers to high-availability clusters. This is the capstone volume of the Apress Ubuntu trilogy that includes Beginning Ubuntu Linux, Third Edition and Beginning Ubuntu Server LTS Administration: From Novice to Professional, Second Edition. You will be able to make Ubuntu technology shine in a Fortune 500 environment and let Ubuntu server become the backbone of your infrastructure. Topics covered include Performance monitoring and optimization High-availability clustering Advanced Lightweight Directory Access Protocol (LDAP) integrated networking

Written by bestselling Linux author Michael Jang, Ubuntu Server Administration explains how to administer and manage the latest release of the number-one Linux distribution. Geared toward installing and managing Ubuntu Server in the enterprise, the book focuses on Ubuntu 8.04 Hardy Heron which rivals Red Hat Enterprise Linux in stability. You will be able to take full advantage of the secure network configuration and manage files and software, grant user rights, and provide Internet and intranet services.

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.

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