

Apache Essentials Install Configure Maintain Pioneering Series

Save yourself weeks of aggravation and time. This book, step-by-step, shows you how to install Drupal 8.x on your own cloud server (aka virtual server). In one day, rather than weeks, you can have your own Drupal installation running on the latest LAMP stack (Linux, Apache2, MySQL, PHP). No Linux experience is necessary, as the author walks you through the process using easy-to-follow examples. Chapters in this book include: -SSH: Secure Shell -Install Linux -Secure Linux -Configure nameservers, DNS record, reverse DNS lookup -Install Apache2 -Install MySQL Server -Install PHP -Install Drupal -Multisite configuration -Enable key-based (no password) authentication -VM: VirtualBox After finishing this book, you'll obtain a fundamental understanding of the Drupal, Linux, and cloud server environments.

Provides a solid foundation for those considering a career in IT—covers the objectives of the new Linux Essentials Exam 010-160 v1.6 Linux is a secure, reliable, open source alternative to costly operating systems such as Microsoft Windows. As large organizations worldwide continue to add Linux servers, the need for IT professionals skilled in Linux continues to grow. The LPI Linux Essentials Study Guide is a valuable resource for anyone preparing to take the new Linux Essentials Exam—the entry-level certification from The Linux Professional Institute (LPI) which validates knowledge of Linux concepts and applications. Written by recognized experts on Linux and open source technologies, this accessible, user-friendly guide covers desktop skills, the command line, directories and files, networks, scripting, security, users and permissions, and much more. Clear, concise chapters provide numerous hands-on tutorials, real-world examples, color illustrations, and practical end-of-chapter exercises and review questions. An ideal introduction for those new to Linux or considering a career in IT, this guide helps readers: Learn the operation and components of Linux desktops and servers Understand open source software, licensing, and applications Configure networks, security, cloud services, storage, and devices Create users and groups and set permissions and ownership Use the command line and build automation scripts LPI Linux Essentials Study Guide: Exam 010 v1.6 is perfect for anyone beginning a career in IT, newcomers to Linux, students in computer courses, and system administrators working with other operating systems wanting to learn more about Linux and other open source solutions.

"Learn the fundamentals of wired and wireless networking from this introductory guide. Inside, you'll find full details on network design and configuration, hardware, networking protocols, security, backup, recovery, and more." -- Back Cover.

Atlassian Confluence 5 Essentials is written in a friendly, tutorial style packed full of practical information to help get you started with Confluence and collaborating on projects more efficiently.If you just started with Confluence, as a user or administrator, this book will give you a running start and teach you everything you need to know. This book will also appeal to veteran users as it will give you new insights and tricks for how to use Confluence even more efficiently. All you need to get started with this book is some basic knowledge on how to use an Internet browser. As an administrator, you will need some basic knowledge about your organization's standard operating environment to install Confluence.

Design, Build & Maintain a Successful Web-based Business

System Center Operations Manager (OpsMgr) 2007 R2 Unleashed

Tomcat: The Definitive Guide

Forthcoming Books

Practical Mod_perl

Fast-track your Odoo development skills to build powerful business applications, 4th Edition

This up-to-the-minute supplement to System Center Operations Manager 2007 Unleashed brings together practical, in-depth information about System Operations Manager 2007, including major enhancements introduced with the R2 release, as well as essential information on other products and technologies OpsMgr integrates with and relies upon. Drawing on their unsurpassed deployment experience, four leading independent OpsMgr experts with a half dozen leading subject matter experts show how to take full advantage of new Unix/Linux cross platform extensions, Windows Server 2008 and SQL Server 2008 integration, PowerShell extensions, and much more. They also present in-depth coverage of using OpsMgr with virtualization, authoring new management packs, and maximizing availability. A detailed "OpsMgr R2 by Example" appendix presents indispensable tuning and configuration tips for several of OpsMgr R2's most important management packs. This book also contains the world's most comprehensive collection of OpsMgr R2 reference links. Discover and monitor Linux and Unix systems through OpsMgr with the new Cross Platform Extensions Utilize Microsoft's upgraded management packs and templates for monitoring operating systems, services, and applications Monitor your system with the Health Explorer and new Visio add-in Create OpsMgr 2007 R2 reports and queries utilizing SQL Server 2008 Understand how Windows Server 2008 and OpsMgr integrate Use PowerShell and the OpsMgr Shell to automate common management tasks Efficiently manage virtualized environments (Hyper-V or ESX vCenter) Author your own OpsMgr custom management packs Implement advanced high availability and business continuity management Use targeting to apply the appropriate monitoring to each component Master advanced ACS techniques for noise filtering, access hardening, and auditing

Using Apache Cordova 4, you can leverage native technologies and web standards to quickly build cross-platform apps for most mobile devices. You can deliver a high-end user experience where it matters, while radically simplifying code maintenance and reuse. Apache Cordova 4 Programming is the most concise, accessible introduction to this remarkable technology. In this essential guide, expert mobile developer John Wargo quickly gets you up to speed with all the essentials, from installation, configuration, and tools, to building plugins and using Cordova's powerful APIs. Wargo helps you make the most of Cordova 4's major enhancements, while offering practical guidance for all versions, including Adobe PhoneGap. Full chapters are dedicated to five major mobile platforms: Android, iOS, Windows Phone, Firefox OS, and Ubuntu. Using rich, relevant examples, Wargo guides you through both the anatomy of a Cordova app and its entire lifecycle, including cross-platform testing and debugging. Throughout, he illuminates Cordova development best practices, streamlining your development process and helping you write high-quality apps right from the start. Topics include Installing and configuring Cordova's development environment Working with the Cordova command line interfaces Creating Cordova plugins, using Plugman and the PhoneGap CLI Cordova's support for Firefox OS and Ubuntu devices Automation (Grunt and Gulp) and Cordova CLI hooks Microsoft's hybrid toolkit for Visual Studio Third-party tools, such as AppGyver, GapDebug, THYM, and more Beautifying Cordova apps with third-party HTML frameworks, such as Bootstrap, OpenUI5, Ionic, and Onsen UI Running, testing, and debugging Cordova apps on each major mobile platform Access the full code examples at cordova4programming.com, where you'll also find updates reflecting Cordova's continuing evolution. This book is an ideal companion to Wargo's authoritative collection of Apache Cordova code recipes for each Cordova API, Apache Cordova API Cookbook (Addison-Wesley, 2015).

The step-by-step guide to Apache for busy Web professionals, this book contains practical, concise, hands-on coverage of configuration, virtual hosting and database connectivity, and contains examples of configuration directives for a wide range of real-world tasks.

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.

OS X Server Essentials 10.9

LPI Linux Essentials Study Guide

Install, Configure, Maintain

Apache Mesos Cookbook

Foundation Flash 8 Video

Exam 010 v1.6

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.

It takes a book as versatile as its subject to cover Apache Tomcat, the popular open source Servlet and JSP container and high performance web server. Tomcat: The Definitive Guide is a valuable reference for administrators and webmasters, a useful guide for programmers who want to use Tomcat as their web application server during development or in production, and an excellent introduction for anyone interested in Tomcat. Updated for the latest version of Tomcat, this new edition offers a complete guide to installing, configuring, maintaining and securing this servlet container. In fact, with such a wealth of new information, this is essentially a new book rather than a simple revision. You will find details for using Tomcat on all major platforms, including Windows, Linux, OS X, Solaris, and FreeBSD, along with specifics on Tomcat configuration files, and step-by-step advice for deploying and running web applications. This book offers complete information for: Installation and startup procedures Configuring Tomcat-including realms, roles, users, servlet sessions, and JNDI resources including JDBC DataSources Deploying web applications-individual servlets and JSP pages, and web application archive files Tuning Tomcat to measure and improve performance Integrating Tomcat with Apache Web Server Securing Tomcat to keep online thugs at bay Tomcat configuration files-server.xml and web.xml, and more Debugging and Troubleshooting-diagnosing problems with Tomcat or a web application Compiling your own Tomcat, rather than using the pre-built release Running two or more Tomcat servlet containers in parallel This book also offers an overview of the Tomcat open source project's community resources, including docs, mailing lists, and more. Community interest fueled a strong demand for a Tomcat guide from O'Reilly. The result clearly exceeds expectations.

The only end-to-end guide to securing Apache Web servers and Web applications Apache can be hacked. As companies have improved perimeter security, hackers have increasingly focused on attacking Apache Web servers and Web applications. Firewalls and SSL won't protect you: you must systematically harden your Web application environment. Preventing Web Attacks with Apache brings together all the information you'll need to do that: step-by-step guidance, hands-on examples, and tested configuration files. Building on his groundbreaking SANS presentations on Apache security, Ryan C. Barnett reveals why your Web servers represent such a compelling target, how significant exploits are performed, and how they can be defended against. Exploits discussed include: buffer overflows, denial of service, attacks on vulnerable scripts and programs, credential sniffing and spoofing, client parameter manipulation, brute force attacks, web defacements, and more. Barnett introduces the Center for Internet Security Apache Benchmarks, a set of best-practice Apache security configuration actions and settings he helped to create. He addresses issues related to IT processes and your underlying OS; Apache downloading, installation, and configuration; application hardening; monitoring, and more. He also presents a chapter-length case study using actual Web attack logs and data captured "in the wild." For every sysadmin, Web professional, and security specialist responsible for Apache or Web application security.

Arguably one of the most highly regarded and widely used enterprise level operating systems available today is the CentOS 8 distribution. Not only is it considered to be among the most stable and reliable operating systems, it is also backed by the considerable resources and technical skills of Red Hat, Inc. CentOS 8 Essentials is designed to provide detailed information on the installation, use and administration of the CentOS 8 distribution. For beginners, the book covers topics such as operating system installation, the basics of the GNOME desktop environment, configuring email and web servers and installing packages and system updates using App Streams. Additional installation topics such as dual booting with Microsoft Windows are also covered, together with all important security topics such as configuring a firewall and user and group administration. For the experienced user, topics such as remote desktop access, the Cockpit web interface, logical volume management (LVM), disk partitioning, swap management, KVM virtualization, Secure Shell (SSH), Linux Containers and file sharing using both Samba and NFS are covered in detail to provide a thorough overview of this enterprise class operating system.

Develop and customize business applications with Odoo 11, 3rd Edition

Essential Apache for Web Professionals

Apache Cordova 4 Programming

Web Designer's Reference

Supplement to System Center Operations Manager 2007 Unleashed

Apache Essentials

"This compact, example-rich guide teaches Web developers exactly what they need to know to achieve great results with PHP3 and PHP4, the world's fastest growing Web scripting language. Endorsed by The World Organization of Webmasters, Essential PHP for Web Professionals offers coverage built around real-world code examples available from a companion Web site. From PHP installation through sophisticated site automation, this book delivers practical answers, usable code, and real solutions."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved

Provides instructions on creating interactive Web applications and videos using Flash 8.

** Covers the most up-to-date versions of the technology. * Teaches subject using real world tutorials. * Subject is taught in a very concise, no-nonsense fashion, wasting little time on history and other fluff. Book is therefore compact and portable. It gives you just what you need. * Demystifies what is sometimes thought of as an intimidating subject. * Covers Apache for Windows, Mac/Unix, and Linux. * Full book support available online and via e-mail.*

** Functions as the most up-to-date beginner's Perl book, current through Perl version 5.8.2. * Covers what a new Perl programmer needs to know, using real-world examples. * Surpasses the first edition; more concise and focused.*

Apache

RT Essentials

Odoo 11 Development Essentials

CentOS 8 Essentials

New Masters of Flash

Apache Tomcat 7 Essentials

Gain access to all the information you need to get started with this exciting, cutting-edge operating systemKey Features Start with installation and explore advanced topics, such as file sharing using both Samba and NFS* Gain insight into using logical volume management and firewall configuration on a Fedora 31 system* Get an overview of network management, including using the NetworkManager serviceBook DescriptionLinux kernel development is perhaps the world's largest collaborative project to date. With Fedora 31 Essentials, you'll be given easily accessible information to install, use, and administer the Fedora 31 distribution.The book begins with a concise history of the Linux operating system and the Fedora project. You'll learn how to install Fedora 31 using the dual boot configuration so that it can coexist with Windows on the same drive. After installing Fedora 31, you'll learn how to use GNOME 3 -- the desktop environment included with Fedora 31 that helps you navigate through the distribution. As you progress, you'll explore the Cockpit web interface that enables you to perform tasks via a web browser instead of using the command-line. You'll also learn how to manage user access and roles on the Fedora 31 system by adding, removing, and managing users and groups. While learning advanced topics, you'll discover how to use Fedora Modularity to list, install, and remove the software packages that make up a functioning Fedora 31 system.By the end of the book, you'll have all the information you need to confidently start working with Fedora 31.What you will learn* Manage swap space efficiently to maintain the performance of the Fedora 31 system* Perform systemd unit configuration tasks using the systemctl command-line tool* Add new disk space to increase the capacity of the root file system* Configure a basic Linux-based email environment* Configure a Fedora 31 system to act as a web server using Apache* Create and manage containers on Fedora 31Who this book is forFedora 31 Essentials is the ideal book if you're looking for essential information on getting started using the Fedora 31 distribution. Whether you are a developer, a system administrator, or a tech lover with no previous Linux administration background, you'll be able to start your adventure with this book.*

**Covers over a dozen complex applications with real-world focus *Focuses on teaching the technology, and graphical aspects of Flash examples presented with creative edge *Only book covering integration of Flash and PHP, plus MySQL*

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.

Covers various aspects of creating a Web page with information on typography, adding images, navigation tools and layouts using XHTML and CSS.

Essential SNMP

Mastering Linux Administration

Craig Hunt Linux Library

Preventing Web Attacks with Apache

Learn How to Install, Administer, and Deploy Fedora 31 Systems

** Showcase of the current best design and development work using Macromedia Flash MX 2004. * Inspiring visuals through stellar quality production values. * Brand-leading flagship book—this is the epitome of the "Designer to Designer" promise. * Most advanced Flash design content available. * Over 30,000 copies sold of Volume 1.*

Over 50 recipes on the core features of Apache Mesos and running big data frameworks in Mesos About This Book Learn to install and configure Mesos to suit the needs of your organization Follow step-by-step instructions to deploy application frameworks on top of Mesos, saving you many hours of research and trial and error Use this practical guide packed with powerful recipes to implement Mesos and easily integrate it with other application frameworks Who This Book Is For This book is for system administrators, engineers, and big data programmers. Basic experience with big data technologies such as Hadoop or Spark would be useful but is not essential. A working knowledge of Apache Mesos is expected. What You Will Learn Set up Mesos on different operating systems Use the Marathon and Chronos frameworks to manage multiple applications Work with Mesos and Docker Integrate Mesos with Spark and other big data frameworks Use networking features in Mesos for effective communication between containers Configure Mesos for high availability using Zookeeper Secure your Mesos clusters with SASL and Authorization ACLs Solve everyday problems and discover the best practices In Detail Apache Mesos is open source cluster sharing and management software. Deploying and managing scalable applications in large-scale clustered environments can be difficult, but Apache Mesos makes it easier with efficient resource isolation and sharing across application frameworks. The goal of this book is to guide you through the practical implementation of the Mesos core along with a number of Mesos supported frameworks. You will begin by installing Mesos and then learn how to configure clusters and maintain them. You will also see how to deploy a cluster in a production environment with high availability using Zookeeper. Next, you will get to grips with using Mesos, Marathon, and Docker to build and deploy a PaaS. You will see how to schedule jobs with Chronos. We'll demonstrate how to integrate Mesos with big data frameworks such as Spark, Hadoop, and Storm. Practical solutions backed with clear examples will also show you how to deploy elastic big data jobs. You will find out how to deploy a scalable continuous integration and delivery system on Mesos with Jenkins. Finally, you will configure and deploy a highly scalable distributed search engine with ElasticSearch. Throughout the course of this book, you will get to know tips and tricks along with best practices to follow when working with Mesos. Style and approach This step-by-step guide is packed with powerful recipes on using Apache Mesos and shows its integration with containers and big data frameworks.

Provides information on using the ticketing system Request Tracker.

Apache EssentialsInstall, Configure, MaintainWrox PressApache EssentialsInstall, Configure, MaintainApress

An Integrated Approach to Web Design with XHTML and CSS

Odoo 12 Development Essentials

Beginning Perl

Mod_perl Developer's Cookbook

Linux Network Servers

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

Dreamweaver is a huge selling product with over 3 million users worldwide, and the new version, Dreamweaver CS3, promises to be just as popular, with new features such as Ajax support. The book is written by best selling Dreamweaver author David Powers. He presents a strictly practical, real world series of tutorials to teach aspiring and existing Dreamweaver users how to do everything they could possibly want to do in terms of CSS, PHP (bar far the most popular server-side language Dreamweaver supports, and the only one that is really used a great deal,) and Ajax web sites, from beginner to advanced topics.

Get a complete introduction to Salt, the widely used Python-based configuration management and remote execution tool. This practical guide not only shows system administrators how to manage complex infrastructures with Salt, but also teaches developers how to use Salt to deploy and manage their applications. Written by two Salt experts, this book provides the information you need to deploy Salt in a production infrastructure right away. You'll also learn how to customize Salt and use salt-cloud to manage your virtualization. If you have experience with Linux and data formats such as JSON or XML, you're ready to get started. Understand what Salt can do, and get a high-level overview of basic commands Learn

how execution modules let you interact with many systems at once Use states to define how you want a host or a set of hosts to look Dive into grains and pillars, Salt's basic data elements Control your infrastructure programmatically by extending Salt Master's functionality Extend Salt with custom modules, the Jinja templating language, and Python scripts This book is a step-by-step tutorial for anyone wanting to learn Apache Tomcat 7 from scratch. There are plenty of illustrations and examples to escalate you from a novice to an expert with minimal strain. If you are a J2EE administrator, migration administrator, technical architect, or a project manager for a web hosting domain, and are interested in Apache Tomcat 7, then this book is for you. If you are someone responsible for installation, configuration, and management of Tomcat 7, then too, this book will be of help to you.

Fast track your development skills to build resourceful, open-source business applications with Odoo 11 Key Features Discover the latest technical capabilities in Odoo 11 while you build your own app Program business logic and manipulate data to implement specific business rules in your applications Implement automated tests to add modules and techniques and debug module business logic Book Description Odoo continues to gain worldwide momentum as the best platform for open source ERP installations. Now, with Odoo 11, you have access to an improved GUI, performance optimization, integrated in-app purchase features, and a fast-growing community to help transform and modernize your business. With this practical guide, you will cover all the new features that Odoo 11 has to offer to build and customize business applications, focusing on the publicly available community edition. We begin with setting up a development environment, and as you make your way through the chapters, you will learn to build feature-rich business applications. With the aim of jump-starting your Odoo proficiency level, from no specific knowledge to application development readiness, you will develop your first Odoo application. We then move on to topics such as models and views, and understand how to use server APIs to add business logic, helping to lay a solid foundation for advanced topics. The book concludes with Odoo interactions and how to use the Odoo API from other programs, all of which will enable you to efficiently integrate applications with other external systems. What you will learn Install Odoo from source Manage Odoo server instances Create a new Odoo application from scratch covering the most frequently used elements Develop new models and use inheritance to extend/modify existing models Use ORM methods, both in the Odoo server and from external clients Create Kanban views using QWeb effectively Develop custom web and website CMS pages Use external API to integrate Odoo with external applications Who this book is for Odoo 11 Development Essentials caters to developers who are familiar with Python and MVC design and now want to build effective business applications using Odoo.

Apache Cassandra Essentials

The British National Bibliography

Internet Infrastructure

Volume 3

Foundation PHP 5 for Flash

Networking

The Complete E-Commerce Book offers a wealth of information on how to design, build and maintain a successful web-based business.... Many of the chapters are filled with advice and information on how to incorporate current e-business principles o Extend your skills with Odoo 12 to build resourceful and open source business applications Key FeaturesExplore Odoo 12 capabilities to develop business applicationsProgram business logic and manipulate data to implement specific business rules in your applicationsIntegrate Python APIs for building customizable and scalable business logicBook Description Odoo is one of the best platforms for open source ERP and CRM. Its latest version, Odoo 12, brings with it new features and updates in Python packages to develop more customizable applications with additional cloud capabilities. The book begins by covering the development essentials for building business applications. You will start your journey by learning how to install and configure Odoo, and then transition from having no specific knowledge of Odoo to being ready for application development. You will develop your first Odoo application and understand topics such as models and views. Odoo 12 Development Essentials will also guide you in using server APIs to add business logic, helping you lay a solid foundation for advanced topics. As you progress through the chapters, you will be equipped to build and customize your applications and explore the new features in Odoo 12, such as cloud integration, to scale your business applications. You will get insights into building business logic and integrating various APIs into your application. By the end of the book, you will be able to build a business application from scratch by using the latest version of Odoo. What you will learnManage Odoo server instancesCreate a new Odoo application from scratch using the most frequently used elementsDevelop new models and use inheritance to extend existing modelsUse ORM methods in the Odoo server and from external clientsCreate Kanban views using QWeb effectivelyBuild custom web and website CMS pagesUse external APIs to integrate Odoo with external applicationsAdd automated tests and techniques to debug module business logicWho this book is for If you are a developer familiar with Python and MVC design and want to build business applications using Odoo, this book is for you.

A task-based reference that will provide experienced developers with useful recipes and easy-to-follow solutions to common problems when using mod_perl in Web applications. The first mod_perl cookbook, containing valuable recipes that use mod_perl to extend the Apache API. with tricks, solutions, and idioms .

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.

Essential PHP for Web Professionals

Linux Complete

A Beginner's Guide

The Essential Guide to Dreamweaver CS3 with CSS, Ajax, and PHP

Salt Essentials

How to Install Drupal 8.x In the Cloud

Create your own massively scalable Cassandra database with highly responsive database queries About This Book Create a Cassandra cluster and tweak its configuration to get the best performance based on your environment Analyze the key concepts and architecture of Cassandra, which are essential to create highly responsive Cassandra databases A fast-paced and step-by-step guide on handling huge amount of data and getting the best out of your database applications Who This Book Is For If you are a developer who is working with Cassandra and you want to deep dive into the core concepts and understand Cassandra's non-relational nature, then this book is for you. A basic understanding of Cassandra is expected. What You Will Learn Install and set up your Cassandra Cluster using various installation types Use Cassandra Query Language (CQL) to design Cassandra database and tables with various configuration options Design your Cassandra database to be evenly loaded with the lowest read/write latencies Employ the available Cassandra tools to monitor and maintain a Cassandra cluster Debug CQL queries to discover why they are performing relatively slowly Choose the best-suited compaction strategy for your database based on your usage pattern Tune Cassandra based on your deployment operation system environment In Detail Apache Cassandra Essentials takes you step-by-step from the basics of installation to advanced installation options and database design techniques. It gives you all the information you need to effectively design a well distributed and high performance database. You'll get to know about the steps that are performed by a Cassandra node when you execute a read/write query, which is essential to properly maintain of a Cassandra cluster and to debug any issues. Next, you'll discover how to integrate a Cassandra driver in your applications and perform read/write operations. Finally, you'll learn about the various tools provided by Cassandra for serviceability aspects such as logging, metrics, backup, and recovery. Style and approach This step-by-step guide is packed with examples that explain the core concepts as well as advanced concepts, techniques, and usages of Apache Cassandra. Linux Complete is a one-of-a-kind book--valuable both for its broad content and its low price. Not only does Linux Complete provide beginners with the essential information they need to get up and running, it features coverage for budding network administrators with topics such as Samba and Apache. Linux Complete starts out by walking you through installation, showing you how to perform basic tasks, and how to use the X Windows, KDE, and GNOME desktops. From there, you'll delve into connecting to the Internet, configuring and administrating a basic network, and security essentials. Next, Linux Complete shows you how to integrate Linux servers into your Windows network with Samba, how to set up an Apache Web Server and how to use Sendmail, an essential component of any Linux system. Linux Complete introduces you to the work of some of Sybex's finest authors, so you'll know where to go to learn even more about Linux. Inside: Linux Fundamentals * Installing Linux * Performing Basic Commands and Tasks * Using GNOME and KDE * Working with Multimedia Basic Networking and Communications * Understanding and Configuring TCP/IP Networking * Creating and Maintaining Accounts * Connecting to the Internet * Configuring Hardware and Internet Servers * Configuring Server Services Security * Linux Security Primer * Building the Most Secure Linux System * Securing Network Services Samba and Apache * Understanding and Integrating SMB/CIFS * Installing and Configuring Samba * Understanding Apache * Installing Apache * Using the Apache Core Directives * Locating, Installing, and Using Apache Modules Sendmail--Visit the Sybex website for these bonus materials * Installing and Running Sendmail * Downloading and Compiling Sendmail * Creating a Basic Sendmail Configuration

Internet Infrastructure: Networking, Web Services, and Cloud Computing provides a comprehensive introduction to networks and the Internet from several perspectives: the underlying media, the protocols, the hardware, the servers, and their uses. The material in the text is divided into concept chapters that are followed up with case study chapters that examine how to install, configure, and secure a server that offers the given service discussed. The book covers in detail the Bind DNS name server, the Apache web server, and the Squid proxy server. It also provides background on those servers by discussing DNS, DHCP, HTTP, HTTPS, digital certificates and encryption, web caches, and the variety of protocols that support web caching. Introductory networking content, as well as advanced Internet content, is also included in chapters on networks, LANs and WANs, TCP/IP, TCP/IP tools, cloud computing, and an examination of the Amazon Cloud Service. Online resources include supplementary content that is available via the textbook's companion website, as well useful resources for faculty and students alike, including: a complete lab manual; power point notes, for installing, configuring, securing and experimenting with many of the servers discussed in the text; power point notes; animation tutorials to illustrate some of the concepts; two appendices; and complete input/output listings for the example Amazon cloud operations covered in the book.

Simple Network Management Protocol (SNMP) provides a "simple" set of operations that allows you to more easily monitor and manage network devices like routers, switches, servers, printers, and more. The information you can monitor with SNMP is wide-ranging--from standard items, like the amount of traffic flowing into an interface, to far more esoteric items, like the air temperature inside a router. In spite of its name, though, SNMP is not especially simple to learn. O'Reilly has answered the call for help with a practical introduction that shows how to install, configure, and manage SNMP. Written for network and system administrators, the book introduces the basics of SNMP and then offers a technical background on how to use it effectively. Essential SNMP explores both commercial and open source packages, and elements like OIDs, MIBs, community strings, and traps are covered in depth. The book contains five new chapters and various updates throughout. Other new topics include: Expanded coverage of SNMPv1, SNMPv2, and SNMPv3 Expanded coverage of SNMPc The concepts behind network management and change management RRDTool and Cricket The use of scripts for a variety of tasks How Java can be used to create SNMP applications Net-SNMP's Perl module The bulk of the book is devoted to discussing, with real examples, how to use SNMP for system and network administration tasks. Administrators will come away with ideas for writing scripts to help them manage their networks, create managed objects, and extend the operation of SNMP agents. Once demystified, SNMP is much more accessible. If you're looking for a way to more easily manage your network, look no further than Essential SNMP, 2nd Edition.

The Definitive Guide

Atlassian Confluence 5 Essentials

The Complete E-Commerce Book

Using and Supporting OS X Server on Mavericks

Fedora 31 Essentials

Networking, Web Services, and Cloud Computing

This is the official curriculum of Apple's Mavericks 201: OS X Server Essentials 10.9 course and preparation for Apple Certified Technical Coordinator (ACTC) 10.9 certification--as well as a top-notch primer for anyone who needs to implement, administer, or maintain a network that uses OS X Server on Mavericks. This book provides comprehensive coverage of OS X Server and is part of the Apple Pro Training series--the only Apple-certified books on the market. Designed for help desk specialists, technical coordinators, and entry-level system administrators, this guide teaches you how to install and configure OS X Server on Mavericks to provide network-based services. You'll also learn to use tools for efficiently managing and deploying OS X Server. In addition to learning key concepts and experiencing hands-on, practical exercises throughout, the book also covers the learning objectives to help you prepare for the industry-standard ACTC certification. • Provides authoritative explanations of OS X Server setup and management on Mavericks. • Focused lessons take you step by step through practical, real-world exercises. • Lesson review questions summarize what you learn to prepare you for the Apple certification exam. • Lesson files available for download.