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BRAIDEN PAUL

Troubleshooting CentOS Createspace Independent Publishing Platform

CentOS is just like Red Hat, but without the price tag and with the virtuous license. When belts have to be tightened, we want to read about an OS with all the features of a commercial Linux variety, but without the pain. The Definitive Guide to CentOS is the first definitive reference for CentOS and focuses on CentOS alone, the workhorse Linux distribution, that does the heavy lifting in small and medium-size enterprises without drawing too much attention to itself. Provides tutorial and hands-on learning but is also designed to be used as a reference Bases all examples on real-world tasks that readers are likely to perform Serves up hard-won examples and hints and tips from the author's experiences of CentOS in production

MongoDB 4 Quick Start Guide Network Theory Limited

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A Practical Guide to Fedora and Red Hat Enterprise Linux Apress
Run Docker on AWS and build real-world, secure, and scalable container platforms on cloud Key Features Configure Docker for the ECS environment Integrate Docker with different AWS tools Implement container networking and deployment at scale Book Description Over the last few years, Docker has been the gold standard for building and distributing container applications.

Amazon Web Services (AWS) is a leader in public cloud computing, and was the first to offer a managed container platform in the form of the Elastic Container Service (ECS). Docker on Amazon Web Services starts with the basics of containers, Docker, and AWS, before teaching you how to install Docker on your local machine and establish access to your AWS account. You'll then dig deeper into the ECS, a native container management platform provided by AWS that simplifies management and operation of your Docker clusters and applications for no additional cost. Once you have got to grips with the basics, you'll solve key operational challenges, including secrets management and auto-scaling your infrastructure and applications. You'll explore alternative strategies for deploying and running your Docker applications on AWS, including Fargate and ECS Service Discovery, Elastic Beanstalk, Docker Swarm and Elastic Kubernetes Service (EKS). In addition to this, there will be a strong focus on adopting an Infrastructure as Code (IaC) approach using AWS CloudFormation. By the end of this book, you'll not only understand how to run Docker on AWS, but also be able to build real-world, secure, and scalable container platforms in the cloud. What you will learn Build, deploy, and operate Docker applications using AWS Solve key operational challenges, such as secrets management Exploit the powerful capabilities and tight integration of other AWS services Design and operate Docker applications running on ECS Deploy Docker applications quickly, consistently, and reliably using IaC Manage and operate Docker clusters and applications for no additional cost Who this book is for Docker on Amazon Web Services is for you if you want to build, deploy, and operate applications using the power of

containers, Docker, and Amazon Web Services. Basic understanding of containers and Amazon Web Services or any other cloud provider will be helpful, although no previous experience of working with these is required.

Learning CentOS Packt Publishing Ltd

Most websites on the internet are powered by a CentOS server. CentOS is a very popular and lightweight version of Linux with a ten year support cycle. Due to the strong response from my first book on the topic, *Learning Ubuntu*, I decided to release another title. *Learning CentOS*, starts at the basics and provides three options to get started with the operating system. The reader will learn how to use SSH, setup a server on a VPS or Virtual Machine, install the popular LAMP stack for web servers, and will also learn how to install the most popular content management platform, WordPress, towards the end of the book. We start by learning how to install packages, manage users, and navigating our CentOS server by the CLI or Command Line Interface. If you are looking for a new skill or want to expand upon your current knowledge, this book serves as a great tool to get started and reference down the road. Topics Include: What is Linux and CentOS 7? Methods to Install CentOS 7 and Get Started. Setting Up CentOS on a Virtual Private Server (DigitalOcean or Linode) Setting Up CentOS on a Virtual Machine Using (Oracle VirtualBox) Installing CentOS on a Virtual Machine Getting Familiar with the Command Line Interface or CLI Logging into CentOS and Learning General System Navigation Creating New Users Checking System Resource Status Making Directories and Files Editing, Moving, Copying, and Deleting Files Installing LAMP (Apache, MySQL/MariaSQL, PHP) Installing Sendmail Managing the Server

from the Browser Permission Settings, Groups, and Types Adding a Database Installing Packages Setting Up and Configuring WordPress Understanding wget and rsync Changing File and Directory Ownership and Permission Settings

Asterisk: The Definitive Guide "O'Reilly Media, Inc."

Learn Cacti and design a robust Network Operations Center.

Machine Learning with Apache Spark Quick Start Guide John Wiley and Sons

This book is targeted at system engineers and system administrators who want to upgrade their knowledge and skills in high availability and want to learn practically how to achieve high availability with CentOS Linux. You are expected to have good CentOS Linux knowledge and basic networking experience.

CentOS High Availability HerongYang.com

See a Mesos-based big data stack created and the components used. You will use currently available Apache full and incubating systems. The components are introduced by example and you learn how they work together. In the Complete Guide to Open Source Big Data Stack, the author begins by creating a private cloud and then installs and examines Apache Brooklyn. After that, he uses each chapter to introduce one piece of the big data stack—sharing how to source the software and how to install it. You learn by simple example, step by step and chapter by chapter, as a real big data stack is created. The book concentrates on Apache-based systems and shares detailed examples of cloud storage, release management, resource management, processing, queuing, frameworks, data visualization, and more. What You'll Learn Install a private cloud onto the local cluster using Apache cloud stack Source, install,

and configure Apache: Brooklyn, Mesos, Kafka, and Zeppelin See how Brooklyn can be used to install Mule ESB on a cluster and Cassandra in the cloud Install and use DCOS for big data processing Use Apache Spark for big data stack data processing Who This Book Is For Developers, architects, IT project managers, database administrators, and others charged with developing or supporting a big data system. It is also for anyone interested in Hadoop or big data, and those experiencing problems with data size.

Using and Administering Linux: Volume 1 Packt Publishing Ltd

Become a Linux sysadmin and expert user of Linux, even with no previous Linux experience and learn to manage complex systems with ease. Volume 1 of this three volume training course introduces operating systems in general and Linux in particular. It briefly explores the The Linux Philosophy for SysAdmins in preparation for the rest of the course. This book provides you with the tools necessary for mastering user management; installing, updating, and deleting software; and using command line tools to do performance tuning and basic problem determination. You'll begin by creating a virtual network and installing an instance of Fedora – a popular and powerful Linux distribution – on a VirtualBox VM that can be used for all of the experiments on an existing Windows or Linux computer. You'll then move on to the basics of using the Xfce GUI desktop and the many tools Linux provides for working on the command line including virtual consoles, various terminal emulators, BASH, and other shells. Explore data streams and the Linux tools used to manipulate them, and learn about the Vim text editor, which is

indispensable to advanced Linux users and system administrators, and be introduced to some other text editors. You'll also see how to install software updates and new software, learn additional terminal emulators, and some advanced shell skills. Examine the sequence of events that take place as the computer boots and Linux starts up, configure your shell to personalize it in ways that can seriously enhance your command line efficiency, and delve into all things file and filesystems. What You Will Learn Install Fedora Linux and basic configuration of the Xfce desktop Access the root user ID, and the care that must be taken when working as root Use Bash and other shells in the Linux virtual consoles and terminal emulators Create and modify system configuration files with Use the Vim text editor Explore administrative tools available to root that enable you to manage users, filesystems, processes, and basic network communications Configure the boot and startup sequences Who This Book Is For Anyone who wants to learn Linux as an advanced user and system administrator at the command line while using the GUI desktop to leverage productivity.

FreeBSD Handbook Packt Publishing Ltd

Readers examine two of the most prominent operating systems -- Windows 10 and Linux CentOS7 -- in parallel with the unique approach found only in *GUIDE TO PARALLEL OPERATING SYSTEMS WITH WINDOWS 10 AND LINUX, 3E*. Rather than using a compare and contrast model, the book presents each topic conceptually before demonstrating it simultaneously on both operating systems. Readers can instantly switch between Windows 10 and Linux CentOS 7 to complete the myriad of hands-on activities that reinforce the similarities between the two operating systems

for each conceptual task. The text's virtualization approach provides flexibility that enables readers to use Microsoft Hyper-V Client, Oracle VirtualBox, or VMWare Workstation. This comprehensive guide helps users develop the competencies needed in Windows 10 and Linux to maximize success in today's classroom or tomorrow's business environment. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

ODROID-C2 User Manual Hardkernel, Ltd

Congratulations on purchasing the ODROID-XU4! It is one of the most powerful low-cost Single Board computers available, as well as being an extremely versatile device. Featuring an octa-core Exynos 5422 big.LITTLE processor, advanced Mali GPU, and Gigabit ethernet, it can function as a home theater set-top box, a general purpose computer for web browsing, gaming and socializing, a compact tool for college or office work, a prototyping device for hardware tinkering, a controller for home automation, a workstation for software development, and much more. Some of the modern operating systems that run on the ODROID-XU4 are Ubuntu, Android, Fedora, ARCHLinux, Debian, and OpenELEC, with thousands of free open-source software packages available. The ODROID-XU4 is an ARM device, which is the most widely used architecture for mobile devices and embedded 32-bit computing.

The Linux Command Line Hardkernel, Ltd

You need to maintain clients, servers and networks, while acquiring new skills. *Foundations of Cent OS Linux: Enterprise Linux On the Cheap* covers a free, unencumbered Linux operating system within the Red Hat lineage, but it does not assume you

have a Red Hat Enterprise Linux license. Now you can learn CentOS Linux, the most powerful and popular of all Red Hat clones, keep maintaining your network at work, and become an Red Hat Certified Engineer, all just for the cost of this book. Introduces CentOS Linux and Fedora clients as equals to Red Hat Enterprise Linux Sets up CentOS as a secure, high-performance web services back end Prepares you for the RHCE examination, but does not assume an RHEL installation

The Definitive Guide to CentOS Cambridge University Press

This guide provides a step-by-step example of how to install and configure a basic system running on Community Enterprise Linux (CentOS) version 6.2. This is an easy to follow guide, perfectly suited for users new to CentOS and Linux. Topics covered include best practices for partitioning, installing the Graphical Desktop, customizing programs during the installation, and updating system software.

[Linux Tutorials - Herong's Tutorial Examples](#) eBookFrenzy

A fast paced guide that will help you to create, read, update and delete data using MongoDB Key Features Create secure databases with MongoDB Manipulate and maintain your database Model and use data in a No SQL environment with MongoDB Book Description MongoDB has grown to become the de facto NoSQL database with millions of users, from small start-ups to Fortune 500 companies. It can solve problems that are considered difficult, if not impossible, for aging RDBMS technologies. Written for version 4 of MongoDB, this book is the easiest way to get started with MongoDB. You will start by getting a MongoDB installation up and running in a safe and secure manner. You will learn how to perform mission-critical create,

read, update, and delete operations, and set up database security. You will also learn about advanced features of MongoDB such as the aggregation pipeline, replication, and sharding. You will learn how to build a simple web application that uses MongoDB to respond to AJAX queries, and see how to make use of the MongoDB programming language driver for PHP. The examples incorporate new features available in MongoDB version 4 where appropriate. What you will learn Get a standard MongoDB database up and running quickly Perform simple CRUD operations on the database using the MongoDB command shell Set up a simple aggregation pipeline to return subsets of data grouped, sorted, and filtered Safeguard your data via replication and handle massive amounts of data via sharding Publish data from a web form to the database using a program language driver Explore the basic CRUD operations performed using the PHP MongoDB driver Who this book is for Web developers, IT professionals and Database Administrators (DBAs) who want to learn how to create and manage MongoDB databases.

[The Best Centos Guide - 136 Things You Need to Know](#) Packt Publishing Ltd

This book is a collection of notes and sample codes written by the author while he was learning Linux applications. Topics include using managing users and groups; managing files and directories; managing Apache Web server; managing MySQL server; developing Python and PHP scripts; using GCC C/C++ compilers; running graphical applications on GNOME desktop and X11 servers; running Conda - Environment and Package Manager. Updated in 2022 (Version v1.00) with minor updates. For latest updates and free sample chapters, visit

<https://www.herongyang.com/Linux-Apps>.

ODROID-C1+ User Manual Apress

This book is a collection of notes and sample codes written by the author while he was learning Linux systems. Topics include using Cockpit Web portal for admin tasks; using network configuration and security firewall; managing users and groups; managing files and directories; managing NTFS, CIFS, EXT4, LBA, LVM file systems; installing CentOS systems; using SELinux (Security-Enhanced Linux) system; DNF/YUM software package manager; managing MySQL server; developing Python and PHP scripts; using GCC C/C++ compilers; managing vsftpd - Very Secure FTP daemon; managing Postfix and Dovecot servers for emails; managing directory service with OpenLDAP; running graphical applications on GNOME desktop and X11 servers; running Conda - Environment and Package Manager. Updated in 2022 (Version v5.40) with minor updates. For latest updates and free sample chapters, visit <https://www.herongyang.com/Linux>.

WiFi User Guide 2020 Edition Emereo Publishing

This book is written in cookbook style and it offers learning through recipes with examples and illustrations. Each recipe contains step-by-step instructions about everything necessary to execute a particular task. The book is designed so that you can read it from start to end for beginner's or just open up any chapter and start following the recipes as a reference for advanced users, "CentOS 6 Linux Server Cookbook" is for Linux professionals and system administrators using CentOS for their business's server

Docker Quick Start Guide Apress

Contemporary High Performance Computing: From Petascale

toward Exascale, Volume 3 focuses on the ecosystems surrounding the world's leading centers for high performance computing (HPC). It covers many of the important factors involved in each ecosystem: computer architectures, software, applications, facilities, and sponsors. This third volume will be a continuation of the two previous volumes, and will include other HPC ecosystems using the same chapter outline: description of a flagship system, major application workloads, facilities, and sponsors. Features: Describes many prominent, international systems in HPC from 2015 through 2017 including each system's hardware and software architecture Covers facilities for each system including power and cooling Presents application workloads for each site Discusses historic and projected trends in technology and applications Includes contributions from leading experts Designed for researchers and students in high performance computing, computational science, and related areas, this book provides a valuable guide to the state-of-the art research, trends, and resources in the world of HPC.

Autodesk Vred 2021 User Guide CentOS 8 Essentials

A comprehensive guide to learning Cacti and using it to implement performance measurement and reporting within a Network Operations Center About This Book A complete Cacti book that focuses on the basics as well as the advanced concepts you need to know for implementing a Network Operations Center A step-by-step Beginner's Guide with detailed instructions on how to create and implement custom plugins Written by Thomas Urban - creator of the "Cereus" and "NMID" plugins for Cacti known as Phalek in the Cacti forum Who This Book Is For If you are a network operator and want to use Cacti for implementing

performance measurement for trending, troubleshooting, and reporting purposes, then this book is for you. You only need to know the basics of network management and SNMP. What You Will Learn Setting up Cacti on Linux and Windows systems Extending the core functionality by using the plugin architecture Building your own custom plugins Creating your own custom data input method to retrieve data from your systems Using SNMP, SSH, and WMI to retrieve remote performance data Designing and create enterprise-class reports with the reporting plugins Implementing threshold-based alerting using the Thold plugin Automating common administrative tasks utilizing the command-line interface and the automate functionality Migrating Cacti to new servers Building a multi remote-poller environment In Detail Cacti is a performance measurement tool that provides easy methods and functions for gathering and graphing system data. You can use Cacti to develop a robust event management system that can alert on just about anything you would like it to. But to do that, you need to gain a solid understanding of the basics of Cacti, its plugin architecture, and automation concepts. Cacti Beginner's Guide will introduce you to the wide variety of features of Cacti and will guide you on how to use them for maximum effectiveness. Advanced topics such as the plugin architecture and Cacti automation using the command-line interface will help you build a professional performance measurement system. Designed as a beginner's guide, the book starts off with the basics of installing and using Cacti, and also covers the advanced topics that will show you how to customize and extend the core Cacti functionalities. The book offers essential tutorials for creating advanced graphs and using plugins

to create enterprise-class reports to show your customers and colleagues. From data templates to input methods and plugin installation to creating your own customized plugins, this book provides you with a rich selection of step-by-step instructions to reach your goals. It covers all you need to know to implement professional performance measurement techniques with Cacti and ways to fully customize Cacti to fit your needs. You will also learn how to migrate Cacti to new servers. Lastly you will also be introduced to the latest feature of building a scalable remote poller environment. By the end of the book, you will be able to implement and extend Cacti to monitor, display, and report the performance of your network exactly the way you want. Style and approach Written for beginners to Cacti, this book contains step-by-step instructions and hands-on tutorials for network operators to learn how to implement and use the core Cacti functions. [Linux Apps Tutorials - Herong's Tutorial Examples](#) Hardkernel, Ltd Preface Hello everyone, in this book, we have reviewed all of the Autodesk Vred 2021 in detail. In our book, we will start with preparing scenes with Vred and learn about animating thinking, preparing materials, using light and camera, as well as navigating vred scenes with XR,MR,VR and AR devices. Now, let's look at the topics in our book in order; · User Interface · VRED Basics · Animation · Assets · Autodesk VRED App · Cameras · Collaboration · Geometry · Lights · Materials · Media · OpenGL Materials Reference · Optimize · Preferences · Python Documentation · References · Rendering · Scene Graph · Scene Interaction · Sceneplates · Simple UI · Textures · Truelight Materials Reference · UVs · Variants · XR/MR/VR and Setup Serdar Hakan DÜZGÖREN Autodesk Expert Elite | Autodesk Official

Member | Autodesk Int. Moderator | Autodesk Consultant
[Complete Guide to Open Source Big Data Stack](#) HerongYang.com
 Beginning Fedora Desktop: Fedora 18 Edition is a complete guide to using the Fedora 18 Desktop Linux release as your daily driver for mail, productivity, social networking, and more. Author and Linux expert Richard Petersen delves into the operating system as a whole and offers you a complete treatment of Fedora 18 Desktop installation, configuration, and use. You'll discover how to install Fedora 18 Desktop on any hardware, learn which applications perform which functions, how to manage software updates, tips and tricks for the GNOME 3 and KDE desktops, useful shell commands, and both the Fedora administration and network tools. Get the most out of Fedora 18 Desktop -- including free Office suites, editors, e-book readers, music and video applications and codecs, email clients, Web and FTP browsers, microblogging and IM applications -- with a copy of Beginning Fedora Desktop: Fedora 18 Edition at your side. What you'll

learn how to install Fedora 18 Desktop on any hardware the available GUI choices, including KDE, GNOME, and alternative desktop environments how to use word processors, spreadsheets, presentation, and e-mail software how to maintain your system and back it up how to participate in social networks using open source clients Who this book is for Beginning Fedora Desktop: Fedora 18 Edition is for novice to intermediate users who are looking to install Fedora 18 as their primary computing environment. Table of Contents Fedora 18 Introduction Installation and Upgrade Usage Basics: Login, Desktop, and Help Installing and Updating Software: YUM, PackageKit, and RPM Office Applications and Editors Graphics and Multimedia Mail (E-mail) and News Internet Applications: Web and FTP Social Networking: Microblogging, IM, VoIP, and Social Desktop GNOME 3 The KDE Desktop Environment: KDE Shells Additional Desktops Fedora System Tools System Administration Network Configuration Printing