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CentOS Quick Start Guide
CentOS 8 Essentials The
Definitive Guide to CentOS
Learning CentOS Mastering
CentOS 7 Linux Server CentOS
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to CentOS Troubleshooting
CentOS Precise Guide to
Centos 7 CompTIA Linux+
XK0-005 Reference Guide
EMBOSS User's Guide Machine
Learning with Apache Spark
Quick Start Guide Guide to
Parallel Operating Systems
with Windows 10 and Linux
Centos 7 Linux Server
Cookbook Second Edition
CentOS 6. 2 Basic Installation
CentOS 6 Linux Server
Cookbook Beginning Fedora
Desktop Docker Quick Start
Guide CentOS System
Administration Essentials
ODROID-C2 User Manual
ODROID-XU4 User Manual
ODROID-C1+ User Manual
CMS Security Handbook Red
Hat Enterprise Linux and
Centos Version 8 Express
Guide Cacti Beginner's Guide
Centos 7.3 Linux Server Guide
A Practical Guide to Fedora
and Red Hat Enterprise Linux
OpenStack Operations Guide
Asterisk: The Definitive Guide
Complete Guide to Open
Source Big Data Stack
Contemporary High
Performance Computing The
Best Centos Guide - 136 Things
You Need to Know Hadoop 2
Quick-Start Guide Learning
Chef Fedora Linux Toolbox

Cacti 0.8 Beginner's Guide
CompTIA Linux+/LPIC-1:
Training and Exam Preparation
Guide (Exam Codes:
LX0-103/101-400 and
LX0-104/102-400), First Edition
CentOS 7 Server Deployment
Cookbook Using and
Administering Linux: Volume 1

CentOS Quick Start Guide
2018-12-26 a concise walk
through of centos 7 starting
from installation to securing it
s environment key featuresno
previous linux environment
experience needed for reading
this bookget comfortable with a
popular and stable red hat
enterprise linux
distributionmost of the
command line based concepts
are explained with
graphicsbook description linux
kernel development has been
the worlds largest collaborative
project to date with this
practical guide you will learn
linux through one of its most
popular and stable
distributions this book will
introduce you to essential linux
skills using centos 7 it
describes how a linux system is
organized and will introduce
you to key command line
concepts you can practice on
your own it will guide you in
performing basic system
administration tasks and day to
day operations in a linux
environment you will learn core
system administration skills for
managing a system running

centos 7 or a similar operating
system such as rhel 7 scientific
linux and oracle linux you will
be able to perform installation
establish network connectivity
and user and process
management modify file
permissions manage text files
using the command line and
implement basic security
administration after covering
this book by the end of this
book you will have a solid
understanding of working with
linux using the command line
what you will learnunderstand
file system hierarchy and
essential command line
skillsuse vi editor i o
redirections and how to work
with common text manipulating
toolscreate delete modify user
accounts and manage
passwords and their aging
policymanage file ownership
permissions and aclexecute
process management and
monitoring on the command
linevalidate and manage
network configuration using
nmclimanage remote logins
using ssh and file transfer
using scp and rsyncunderstand
system logging how to control
system services with systemd
and systemctl and manage
firewalidwho this book is for
any individual who wants to
learn how to use linux as server
or desktop in his environment
whether you are a developer
budding system administrator
or tech lover with no previous
linux administration

background you will be able to start your journey in linux using centos 7 with this book

CentOS System Administration Essentials

2016-11-01 congratulations on purchasing the odroid c2 it is one of the most powerful low cost 64 bit single board computers available as well as being an extremely versatile device featuring a fast quad core amlogic 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 c2 are ubuntu android and arch linux with thousands of free open source software packages available the odroid c2 is an arm device which is the most widely used architecture for mobile devices and embedded computing the arm processor's small size reduced complexity and low power consumption makes it very suitable for miniaturized devices such as wearables and embedded controllers

CentOS 6 Linux Server

Cookbook 2013-11-10

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 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 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

Learning CentOS 2016-06-29 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

EMBOSS User's Guide

2018-12-26 the european molecular biology open software suite emboss is a well established high quality package of open source software tools for molecular biology it includes over 200 applications for molecular sequence analysis and general bioinformatics including sequence alignment rapid database searching and sequence retrieval motif identification and pattern analysis and much more the emboss user's guide is the official and definitive guide to the package containing comprehensive information and practical instructions from the people who developed it no prior experience with emboss necessary set up and maintenance get up and running quickly hands on tutorial learn emboss the easy way by working through practical examples data types and file formats learn about the biological data that can be manipulated and analysed in depth explanation of the emboss command line learn

advanced power user features practical guides to popular emboss guis wemboss and jemboss

Cacti Beginner's Guide

2017-05-26 this book is a guide on how to use the centos 7 3 linux server after reading it you will appreciate the power of this server and how much you can achieve with it it begins by guiding you on how to install this server on your computer and do all the necessary configurations before beginning to use it these steps have been discussed sequentially from downloading and burning the iso image to a dvd to the time of login into the server after a successful installation you will also learn how to create new users even with root privileges in the server memory is very important for any server and especially when it comes to the distributed kind of memory this book guides you on how to setup memcached on your centos 7 3 linux server nginx is an efficient web server which can be used to substitute the common apache web server and it will offer a nice performance this book guides you on how to set this up in your centos 7 3 linux server you are also guided on how to setup mongodb in your server which is a nosql database the lemp stack provides us with mysql nginx and php which are good tools for web development and maintenance this book guides you on how to set up these in your server for server side scripting one can make use of node js this book helps you learn how to set this up in your centos server the

following topics have been discussed in this book installation installing memcached installing nginx setting up mongodb lemp setup setting up rabbitmq node js setup

CMS Security Handbook

2019-12-03 redhat and centos linux administrator guide *Guide to Parallel Operating Systems with Windows 10 and Linux* 2016-01-29 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

Precise Guide to Centos 7

2017-04-26 this book perfect guide for learning centos this book is for system administrators who wants to learn or deploy centos in production but don t have enough time to read tons of books main emphasis is on what a user would need to know to perform particular task the focus here is on day to day challenges faced by administrators and users the book covers general topics of linux administration like shell commands network user management software management repositories services system monitoring shell configuration network connections selinux firewalls and configuration of different servers like http ftp ntp etc this is book is excellent choice for preparing interview this book is good reference kit for linux administrator

Fedora Linux Toolbox

2011-03-16 learn cacti and design a robust network operations center

CentOS 8 Essentials

2019-12-11 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

The Definitive Guide to

CentOS 2009-08-15 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

Asterisk: The Definitive

Guide 2018-01-18 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

Centos 7 Linux Server Cookbook Second Edition

2012-06-25 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

Docker Quick Start Guide

2014-11-25 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

The Definitive Guide to CentOS 2009-07-09 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

ODROID-XU4 User Manual

2017-06-17 congratulations on purchasing the odroid c1 it is one of the most powerful low cost single board computers available as well as being an extremely versatile device featuring a quad core amlogic 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 c1 are ubuntu android fedora archlinux debian and openelec with thousands of free open source software packages available the odroid c1 is an arm device which is the most widely used architecture for mobile devices and embedded 32 bit computing the arm processor s small size reduced complexity and low power consumption makes it very suitable for miniaturized devices such as wearables and embedded controllers

CentOS 6.2 Basic Installation

2013-04-18 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

CentOS Bible 2009-06-03

authoritative guide to a rapidly growing linux distribution this is one of the first if not the first comprehensive guide to the centos linux operating system linux guru tim bornoczyk thoroughly covers the topic whether you re a linux novice or a regular who now wants to master this increasingly popular distribution first find out how to install and configure centos from there you ll cover a wealth of linux and centos tools functions and techniques including how to work in the gnome and kde desktop environments how to use the linux shell file system and text editor how to configure cups printers samba for file and printer sharing and other features using gui tools and more centos community enterprise operating system is a linux operating system maintained by a small team of core developers based on red hat enterprise linux rhel lead author christopher negus is the bestselling linux author of such books as fedora 10 and red hat enterprise linux bible and linux 2009 edition bible he is also a member of the red hat enterprise linux training team tech edited by key member of the centos development team ralph angenendt and foreword written by lead centos developer karanbir singh learn how to set up users automate system tasks back up and

restore files and prepare for the latest security issues and threats also learn how to use and customize the desktop menus icons window manager and xterm and how to create and publish formatted documents explores available linux multimedia applications for graphics audio video and cd burning the dvd includes complete copy of the most current centos distribution centos 5 3 for getting the most out of centos linux this is the book you need to succeed note cd rom dvd and other supplementary materials are not included as part of ebook file

ODROID-C1+ User Manual

2011-03-31 learn to secure sites built on open source cms sites built on joomla wordpress drupal or plone face some unique security threats if you re responsible for one of them this comprehensive security guide the first of its kind offers detailed guidance to help you prevent attacks develop secure cms site operations and restore your site if an attack does occur you ll learn a strong foundational approach to cms operations and security from an expert in the field more and more sites are being built on open source cms making them a popular target thus making you vulnerable to new forms of attack this is the first comprehensive guide focused on securing the most common cms platforms joomla wordpress drupal and plone provides the tools for integrating the site into business operations building a security protocol and developing a disaster recovery

plan covers hosting installation security issues hardening servers against attack establishing a contingency plan patching processes log review hack recovery wireless considerations and infosec policy cms security handbook is an essential reference for anyone responsible for a site built on an open source cms **ODROID-C2 User Manual** 2016-01-01 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 *Mastering CentOS 7 Linux Server* 2016-01-29 configure manage and secure a centos 7 linux server to serve a variety of services provided in a sustainable computer s infrastructure about this book learn how to efficiently set up

and manage a linux server using one of the best suited technologies for this purpose centos 7 personalize your linux server and familiarize yourself with the latest tools and utilities setup provided by the new centos distribution follow a step by step tutorial through the configuration of the requested services with the capacity to personalize them as per your needs who this book is for if you are a linux system administrator with an intermediate administration level this is your opportunity to master the brand new distribution of centos if you wish to possess a fully sustainable linux server with all its new tools and tweaks that serves a variety of services to your users and customers this book is ideal for you it is your ticket to easily adapt to all the changes made in the latest shift what you will learn manage centos 7 users groups and root access privileges enhance the server s security through its firewall and prevent the most common attacks from penetrating or disabling the server explore and implement the common useful services that a centos 7 server can provide monitor your server infrastructure for system or hardware issues create and configure a virtual machine using virtualization technologies implement a cloud computing solution on a single node system get an introduction to the configuration management tools and their usage discover the importance of the tools that provide remote connection server service security and

system and process monitoring tools in detail most server infrastructures are equipped with at least one linux server that provides many essential services both for a user s demands and for the infrastructure itself setting up a sustainable linux server is one of the most demanding tasks for a system administrator to perform however learning multiple new technologies to meet all of their needs is time consuming centos 7 is the brand new version of the centos linux system under the rpm red hat family it is one of the most widely used operating systems being the choice of many organizations across the world with the help of this book you will explore the best practices and administration tools of centos 7 linux server along with implementing some of the most common linux services we start by explaining the initial steps you need to carry out after installing centos 7 by briefly explaining the concepts related to users groups and right management along with some basic system security measures next you will be introduced to the most commonly used services and shown in detail how to implement and deploy them so they can be used by internal or external users soon enough you will be shown how to monitor the server we will then move on to master the virtualization and cloud computing techniques finally the book wraps up by explaining configuration management and some security tweaks all these topics and more are covered in this

comprehensive guide which briefly demonstrates the latest changes to all of the services and tools with the recent shift from centos 6 to centos 7 style and approach this is a detailed and in depth guide to help you administrate centos 7 for the usage of your server s infrastructure and also for personal network security each section shows a list of tools and utilities that are useful to perform the required task in an easy to understand manner **Using and Administering Linux: Volume 1** *CompTIA Linux+ XK0-005 Reference Guide* 2023-09-06 a must have resource for anyone who wants to pass the comptia linux xk0 005 certification exam key features learn the essential skills for troubleshooting linux systems a study guide that covers all the essential topics in the comptia linux xk0 005 certification exam syllabus challenge yourself with test like questions to improve your chances of passing the exam description the comptia linux certification is a valuable credential for anyone who wants to work with linux systems it demonstrates your skills and knowledge of linux administration which is essential for getting a job or advancing your career this comprehensive guide is designed to help you prepare for and pass the comptia linux xk0 005 certification exam it covers all the essential topics you need to know including how to configure manage operate and troubleshoot linux server environments it also includes practice test questions to help you assess your

knowledge and readiness for the exam by the end of this book you will be confident and prepared to take the comptia linux certification exam what you will learn learn how to configure network settings such as ip addresses dns servers and hostnames get to know the grand unified bootloader grub 2 which is used to boot linux systems learn how to manage processes in linux learn how to create and run a shell script in linux explore and work with configuration management tools like yaml json and ansible who this book is for whether you are a beginner or an experienced linux user this book is the perfect resource for you to pass the comptia linux xk0 005 exam and become a certified linux administrator table of contents 1 introduction to linux environment 2 files directories and storage 3 processes services and network configuration 4 managing modules and software 5 user and password management 6 firewall remote access and selinux 7 shell scripting and containers 8 configuration management with yaml json and ansible 9 troubleshooting network and system issues 10 mock exams **A Practical Guide to Fedora and Red Hat Enterprise Linux** 2014-04-24 design deploy and maintain your own private or public infrastructure as a service iaas using the open source openstack platform in this practical guide experienced developers and openstack contributors show you how to build clouds based on reference architectures as

well as how to perform daily administration tasks designed for horizontal scalability openstack lets you build a cloud by integrating several technologies this approach provides flexibility but knowing which options to use can be bewildering once you complete this book you ll know the right questions to ask while you organize compute storage and networking resources if you already know how to manage multiple ubuntu machines and maintain mysql you re ready to set up automated deployment and configuration design a single node cloud controller use metrics to improve scalability explore compute nodes network design and storage install openstack packages use an example architecture to help simplify decision making build a working environment to explore an iaas cloud manage users projects and quotas tackle maintenance debugging and network troubleshooting monitor log backup and restore

Cacti 0.8 Beginner's Guide
2017-10-10 the comptia linux lpic 1 training and exam preparation guide first edition is a comprehensive resource designed and written with one fundamental goal in mind teach linux in an easy and practical manner while preparing for the linux lpic 1 exams this book provides an in depth coverage of all official exam objectives this book is organized in two parts part one covers lx0 103 101 400 exam objectives and part two covers lx0 104 102 400 exam objectives the book includes hands on examples step by step exercises chapter

end review of concepts files and commands learned and 790 challenging practice questions this book uses learn by doing methodology it begins with guidance on how to download a virtualization software and two linux distribution versions and then provides instructions on how to create vms and install linux in them to set up a lab environment for hands on learning throughout the book appropriate command prompts are employed to identify the lab system and user to run a command each command and task presented in the book was actually performed and tested on lab systems followed by the lab environment setup in part one the book presents the essentials of linux incl interaction with linux basic commands file management permissions ownership linking searching special permissions editing filter programs regex shell features and process handling subsequent topics focus on system administration incl shared libraries debian and rpm package management system boot and initialization hardware management kernel modules storage partitioning file system creation and repairs quota handling and swap space administration this brings part one to an end and you should be able to take the quiz in appendix a to test your readiness for the lx0 103 101 400 exam part two covers all the objectives for the lx0 104 102 400 exam it covers shell scripts with a presentation and line by line analysis of several scripts building a simple sql database and performing

queries comes next a detailed comprehension of local authentication files user creation password aging and shell startup files follows the book covers networking concepts reference models and terms that accompany exercises on interface configuration hostname change and route management a discussion of network testing and debugging tools is furnished and their usage is demonstrated followed by topics on internationalization localization time synchronization name resolution x window display desktop managers accessibility options printer and print queue administration task scheduling system logging system and service access controls emailing and email aliasing searching for special files and so on this brings part two to an end and you should be able to take the quiz in appendix c to test your readiness for the lx0 104 102 400 exam highlights 100 coverage of all official exam objectives version 4 0 enumerated and descriptive knowledge areas under exam objectives to assist in identifying and locating them a summarized and convenient view showing exam objectives chapters they are discussed in associated weights the number of questions to expect on the real exam and other useful information separate section on each exam 15 chapters in total 8 for lx0 103 101 400 and 7 for lx0 104 102 400 detailed guidance on building lab environment 49 tested hands on exercises with explanation numerous tested practical

examples for clarity and understanding chapter end one sentence review of key topics 790 single response multiple response and fill in the blank practice questions answers to test your knowledge of the material and exam readiness equally good for self study and in class training

Hadoop 2 Quick-Start Guide

2014-11-06 get a hands on introduction to the chef the configuration management tool for solving operations issues in enterprises large and small ideal for developers and sysadmins new to configuration management this guide shows you to automate the packaging and delivery of applications in your infrastructure you ll be able to build or rebuild your infrastructure s application stack in minutes or hours rather than days or weeks after teaching you how to write ruby based chef code this book walks you through different chef tools and configuration management concepts in each chapter using detailed examples throughout all you need to get started is command line experience and familiarity with basic system administration configure your chef development environment and start writing recipes create chef cookbooks with recipes for each part of your infrastructure use test kitchen to manage sandbox testing environments manage single nodes with chef client and multiple nodes with chef server use data bags for storing shared global data between nodes simulate production chef server environments with chef zero classify different types of

services in your infrastructure with roles model life stages of your application including development testing staging and production

CentOS 7 Linux Server

Cookbook 2016-01-29 over 80 recipes to get up and running with centos 7 linux server about this book a practical guide to install configure administer and maintain centos 7 servers an in depth guide to the centos 7 operating system exploring its various new features and changes in server administration presents tricks and solutions to tackle common server issues with the help of practical examples and real life scenarios who this book is for this book is targeted at beginner and more experienced system administrators alike who want to use centos as their server solution readers do not need much pre knowledge or experience at all to work with this book what you will learn install and configure centos 7 linux server system from scratch using normal and advanced methods maintain a performance based and secure server solution by deploying expert configuration advice and managing software packages 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 introduce you to the world of operating system level virtualization using the docker platform understand the fundamentals

of the security enhanced linux access control architecture monitor your it infrastructure using nagios in detail this book will provide you with a comprehensive series of starting points that will give you direct access to the inner workings of the latest centos version 7 and help you trim the learning curve to master your server you will begin with the installation and basic configuration of centos 7 followed by learning how to manage your system services and software packages you will then gain an understanding of how to administer the file system secure access to your server and configure various resource sharing services such as file printer and dhcp servers across your network further on we cover advanced topics such as ftp services building your own dns server running database servers and providing mail and web services finally you will get a deep understanding of selinux and you will learn how to work with docker operating system virtualization and how to monitor your it infrastructure with nagios by the end of this book you will have a fair understanding of all the aspects of configuring implementing and administering centos 7 linux server and how to put it in control style and approach this book is a practical reference guide with hands on examples and solutions to real world administration problems it covers in depth and comprehensive information on centos 7 and its new features *Learning Chef* 2007-12-11 in

this handy compact guide you'll explore a ton of powerful fedora linux commands while you learn to use fedora linux as the experts do from the command line try out more than 1 000 commands to find and get software monitor system health and security and access network resources then apply the skills you learn from this book to use and administer desktops and servers running fedora centos red hat enterprise linux or any other linux distribution

CompTIA Linux+/LPIC-1: Training and Exam Preparation Guide (Exam Codes: LX0-103/101-400 and LX0-104/102-400), First Edition 2016-10-06 deploy and manage today's essential services on an enterprise class open operating system about this book configure and manage linux servers in varying scenarios and for a range of business requirements explore the up to date features of centos using real world scenarios see practical and extensive recipes to deploy and manage centos who this book is for this book is for linux professionals with basic unix linux functionality experience perhaps even having set up a server before who want to advance their knowledge in administering various services what you will learn see how to deploy centos easily and painlessly even in multi server environments configure various methods of remote access to the server so you don't always have to be in the data center make changes to the default configuration of many services to harden them and increase

the security of the system learn to manage dns emails and web servers protect yourself from threats by monitoring and logging network intrusion and system intrusion attempts rootkits and viruses take advantage of today's powerful hardware by running multiple systems using virtualization in detail centos is derived from red hat enterprise linux rhel sources and is widely used as a linux server this book will help you to better configure and manage linux servers in varying scenarios and business requirements starting with installing centos this book will walk you through the networking aspects of centos you will then learn how to manage users and their permissions software installs disks filesystems and so on you'll then see how to secure connection to remotely access a desktop and work with databases toward the end you will find out how to manage dns e-mails web servers and more you will also learn to detect threats by monitoring network intrusion finally the book will cover virtualization techniques that will help you make the most of centos style and approach this easy to read cookbook is filled with practical recipes hands on task based exercises will present you with real world solutions to deploy and manage centos in varying business scenarios

Troubleshooting CentOS 2015-06-24 centos is the enterprise grade linux operating system built using the same source code as red hat enterprise linux rhel to provide a free to use

alternative to red hat's commercial linux offering the purpose of this book is to build on your understanding of centos and to explore those mission critical services you are entrusted to manage and maintain starting with a brief introduction to the overall subject of troubleshooting a centos server this book will take you on a journey across the whole spectrum of issue based problem solving which includes active processes the networking environment package management users folders files shared resources security databases and web based services by the end of the book you will have expert level competency in identifying and diagnosing the root causes of centos storage network and administration issues and resolving them

Machine Learning with Apache Spark Quick Start Guide 2015-01-26 combine advanced analytics including machine learning deep learning neural networks and natural language processing with modern scalable technologies including apache spark to derive actionable insights from big data in real time key features make a hands on start in the fields of big data distributed technologies and machine learning learn how to design develop and interpret the results of common machine learning algorithms uncover hidden patterns in your data in order to derive real actionable insights and business value book description every person and every organization in the world manages data whether they realize it or not

data is used to describe the world around us and can be used for almost any purpose from analyzing consumer habits to fighting disease and serious organized crime ultimately we manage data in order to derive value from it and many organizations around the world have traditionally invested in technology to help process their data faster and more efficiently but we now live in an interconnected world driven by mass data creation and consumption where data is no longer rows and columns restricted to a spreadsheet but an organic and evolving asset in its own right with this realization comes major challenges for organizations how do we manage the sheer size of data being created every second think not only spreadsheets and databases but also social media posts images videos music blogs and so on and once we can manage all of this data how do we derive real value from it the focus of machine learning with apache spark is to help us answer these questions in a hands on manner we introduce the latest scalable technologies to help us manage and process big data we then introduce advanced analytical algorithms applied to real world use cases in order to uncover patterns derive actionable insights and learn from this big data what you will learn understand how spark fits in the context of the big data ecosystem understand how to deploy and configure a local development environment using apache spark understand how to design supervised and unsupervised learning

models build models to perform nlp deep learning and cognitive services using spark ml libraries design real time machine learning pipelines in apache spark become familiar with advanced techniques for processing a large volume of data by applying machine learning algorithms who this book is for this book is aimed at business analysts data analysts and data scientists who wish to make a hands on start in order to take advantage of modern big data technologies combined with advanced analytics

Beginning Fedora Desktop
2018-11-29 develop and build your docker images and deploy your docker containers securely key features learn docker installation on different types of os get started with developing docker images use docker with your jenkins ci cd system book description docker is an open source software platform that helps you with creating deploying and running your applications using containers this book is your ideal introduction to docker and containerization you will learn how to set up a docker development environment on a linux mac or windows workstation and learn your way around all the commands to run and manage your docker images and containers you will explore the dockerfile and learn how to build your own enterprise grade docker images then you will learn about docker networks docker swarm and docker volumes and how to use these features with docker stacks in order to define deploy and maintain highly scalable fault tolerant multi

container applications finally you will learn how to leverage docker with jenkins to automate the building of docker images and the deployment of docker containers by the end of this book you will be well prepared when it comes to using docker for your next project what you will learn set up your docker workstation on various platforms utilize a number of docker commands with parameters create docker images using dockerfiles learn how to create and use docker volumes deploy multi node docker swarm infrastructure create and use docker local and remote networks deploy multi container applications that are ha and ft use jenkins to build and deploy docker images who this book is for this guide is for anyone who needs to make a quick decision about using docker for their next project it is for developers who want to get started using docker right away

Red Hat Enterprise Linux and Centos Version 8 Express Guide
2017-12-27 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 Contemporary High Performance Computing 2015-03-13 centos theory and

practice there has never been a centos guide like this it contains 136 answers much more than you can imagine comprehensive answers and extensive details and references with insights that have never before been offered in print get the information you need fast this all embracing guide offers a thorough view of key knowledge and detailed insight this guide introduces what you want to know about centos a quick look inside of some of the subjects covered upstart adoption red hat enterprise linux rebuilds google mini rhel directadmin system requirements wandisco server binaries lamp software bundle linux yellowdog updater modified history gesta danorum printing dedicated server operating system support handbrake enrico letta other activities security enhanced linux implementations aspire one linux kernel based virtual machine graphical management tools mdadm increasing raid resync performance gplv3 legal barrier to app stores juju software juju s strengths and weaknesses rimini railway station features gnu general public license version 2 legal barrier to app stores accusative latin orionvm templates logical volume manager linux amazon ec2 operating systems ferrovie dello stato subsidiaries xfs history elastix linux distributions popular distributions ninefold virtual servers rhel rebuilds roxen web server gnu general public licence legal barrier to app stores desktop linux heartbleed patch tactic web framework

support platforms and environments rackspace cloud cloud servers centos linux terminal server project rpm package manager front ends ferrovie dello stato italiane subsidiaries campobasso railways environment modules software automatic modules initialization and much more CentOS 7 Server Deployment Cookbook 2019-12-10 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 desktopaccess the root user id and the care that must be taken when working as rootuse bash and other shells in the linux virtual consoles and terminal emulatorscreate and modify system configuration files with use the vim text editorexplare administrative tools available to root that enable you to manage users filesystems processes and basic network communicationsconfigure 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 **OpenStack Operations Guide** 2011-04-08 design a complete voip or analog pbx with asterisk even if you have no previous asterisk experience and only basic telecommunications knowledge this bestselling guide makes it easy with a detailed roadmap to installing configuring and integrating this open source software into your existing

phone system ideal for linux administrators developers and power users this book shows you how to write a basic dialplan step by step and quickly brings you up to speed on the latest asterisk features in version 1 8 integrate asterisk with analog voip and digital telephony systems build a simple interactive dialplan and dive into advanced concepts use asterisk s voicemail options including a standalone voicemail server build a menuing system and add applications that act on caller input incorporate a relational database with mysql and postgresql connect to external services such as ldap calendars xmpp and skype use automatic call distribution to build a call queuing system learn how to use asterisk s security call routing and faxing features **Complete Guide to Open Source Big Data Stack** 2019-05-08 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

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The Best Centos Guide - 136 Things You Need to Know

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and big data author douglas eadline covers all the basics you need to know to install and use hadoop 2 on personal computers or servers and to navigate the powerful technologies that complement it eadline concisely introduces and explains every key hadoop 2 concept tool and service illustrating each with a simple beginning to end example and identifying trustworthy up to date resources for learning more this guide is ideal if you want to learn about hadoop 2 without getting mired in technical details douglas eadline will bring you up to speed quickly whether you're a user admin devops specialist programmer architect analyst or data scientist coverage includes understanding what hadoop 2 and yarn do and how they improve on hadoop 1 with mapreduce understanding hadoop based data lakes versus rdbms data warehouses installing hadoop 2 and core services on linux machines virtualized sandboxes or clusters exploring the hadoop distributed file system hdfs understanding the essentials of mapreduce and yarn application programming simplifying programming and data movement with apache pig hive sqoop flume oozie and hbase observing application progress controlling jobs and managing workflows managing hadoop efficiently with apache ambari including recipes for hdfs to nfsv3 gateway hdfs snapshots and yarn configuration learning basic hadoop 2 troubleshooting and installing apache hue and apache spark

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