Ubuntu List Manually Installed Packages

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Ubuntu 20.04 LTS Desktop Richard Petersen 2020-06-25 This book covers the Ubuntu 20.04 LTS (Focal Fossa) release, focusing on applications and administrative tools. The emphasis here is on what users will face when using Ubuntu, covering topics like installation, applications, software management for Snap and APT, the Ubuntu desktops (GNOME, MATE, and KDE), shell commands, network connections, and system administration tasks. There are four parts: Getting Started, Applications, Desktops, and Administration. Part 1 focuses on getting started, covering Ubuntu information and resources, using the Ubuntu Live DVD/USB drive, installing and setting up Ubuntu, upgrading Ubuntu, basic use of the desktop interface, and connecting to wired and wireless networks. Repositories and their use are covered in detail, along with the new Snap system for managing Snap packages. Ubuntu Snap package management with Ubuntu Software, the snap command, the Snap Store are examined, as well as APT package management with Gnome Software, the Synaptic Package Manager, and the apt and apt-get commands. Part 2 keys in on office, multimedia, mail, Internet, and social media applications. Part 3 covers the Ubuntu, Kubuntu, Ubuntu MATE, Xubuntu, and Lubuntu desktops. as well as the BASH shell. The Ubuntu desktop, which uses GNOME, is examined in detail. Part 4 deals with administration topics, first discussing system tools like the GNOME system monitor, the Disk Usage Analyzer, Seahorse, and Disk Utility. Then a detailed chapter on Ubuntu system administration tools is presented, covering tasks such as managing users and file systems, Bluetooth setup, network folder sharing, backups, and printing. The network connections chapter covers a variety of network tasks, including manual configuration of wired and wireless connections, and firewalls.

The SQL Server DBA's Guide to Docker Containers Edwin M Sarmiento 2020-05-29 Get introduced to the world of Docker containers from a SQL Server DBA's perspective. This book explains container technology and how it can improve the deployment of your SQL Server databases without infrastructure lock-in. You will be equipped with the right technical skills to guide stakeholders in your business as they adopt and adapt to new technologies to improve time-to-market and competitiveness. You will learn how to build a lab environment at home on which to build skills that transfer directly into your day job. This book teaches you how to install and configure Docker on both Windows Server and Linux operating systems. You will learn the most common Docker commands that you need to know as a DBA to deploy and manage SQL Server on containers. Support for SQL Server on Linux is new, and this book has your back with guidance on creating Docker images specifically for deployment to a Linux platform. Included is coverage of key Linux commands needed to manage SQL Server on that operating system. By the end of the book you will have learned how to create your own custom SQL Server container images with configuration settings that are specific to your organization, that are capable of being deployed to both Windows Server and Linux. What You Will LearnCreate Docker containers for agile deployment of SQL

ServerRun multiple SQL Server instances on a single Linux machineDeploy custom images specific to your organization's needsKnow the benefits and architecture of container technologyInstall and configure Docker on Windows Server and Linux Manage and persist SQL Server data in Docker containers Who This Book Is For Intermediate to senior SQL Server DBAs who are familiar with SQL Server on Windows and want to build their existing skills to deploy and manage SQL Server on Linux and through Docker containers. Readers should have a grasp of relational database concepts and be comfortable with the Transact-SQL language.

Ubuntu 20.04 Essentials Neil Smyth 2020-05-13 Arguably one of the most highly regarded and widely used enterprise level operating systems available today is the Ubuntu 20.04 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 Canonical, Ltd. Ubuntu 20.04 Essentials is designed to provide detailed information on the installation, use and administration of the Ubuntu 20.04 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. 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.

Beginning Ubuntu for Windows and Mac Users Nathan Haines 2015-09-23 Beginning Ubuntu for Windows and Mac Users is your comprehensive guide to using Ubuntu. You already know how to use a computer running Windows or OS X, but learning a new operating system can feel daunting. If you've been afraid to try Ubuntu because you don't know where to start, this book will show you how to get the most out of Ubuntu for work, home, and play. You'll be introduced to a wide selection of software and settings that will make your computer ready to work for you. Ubuntu makes your computing life easy. Ubuntu's Software Updater keeps all of your software secure and up-to-date. Browsing the Internet becomes faster and safer. Creating documents and sharing with others is built right in. Enjoying your music and movie libraries helps you unwind. In addition to a tour of Ubuntu's modern and easy-to-use interface, you'll also learn how to: •

Understand the advantages of Ubuntu and its variants—Kubuntu, Xubuntu, and more • Install Ubuntu on its own or alongside your computer's existing operating system • Search Ubuntu's catalog of thousands of applications—all ready to install with a single click • Work with files and disks that were created with Windows and OS X • Run simple, interesting tasks and games using the command line • Customize Ubuntu in powerful ways and get work done with virtual machines Ubuntu is the world's third most popular operating system and powers desktop and laptop computers, servers, private and public clouds, phones and tablets, and embedded devices. There's never been a better time to install Ubuntu and move to an open source way of life. Get started with Beginning Ubuntu for Windows and Mac Users today!

The Debian Administrator's Handbook, Debian Wheezy from Discovery to Mastery Raphaël Hertzog 2014-06-18 Accessible to all, this book teaches the essentials to anyone who wants to become an effective and independent Debian GNU/Linux administrator. It covers all the topics that a competent Linux administrator should master, from the installation and the update of the system, up to the creation of packages and the compilation of the kernel, but also monitoring, backup and migration, without forgetting advanced topics like SELinux setup to secure services, automated installations, or virtualization

with Xen, KVM or LXC. Learn more about the book on http: //debian-handbook.info

Ubuntu 20.04 LTS Server Richard Petersen 2020-07-28 This book is designed as an Ubuntu 20.04 LTS Server administration and reference source, covering the Ubuntu servers and their support applications. Server tools are covered as well as the underlying configuration files and system implementations. The emphasis is on what administrators will need to know to perform key server support and management tasks. Coverage of the systemd service management system is integrated into the book. Topics covered include software management, systemd service management, systemd-networkd and Netplan network configuration, AppArmor security, OpenSSH, the Chrony time server, and Ubuntu cloud services. Key servers are examined, including Web, FTP, CUPS printing, NFS, and Samba Windows shares. Network support servers and applications covered include the Squid proxy server, the Domain Name System (BIND) server, DHCP, distributed network file systems, IPtables firewalls, and cloud computing.

Cyber Operations Mike O'Leary 2019-03-01 Know how to set up, defend, and attack computer networks with this revised and expanded second edition. You will learn to configure your network from the ground up, beginning with developing your own private virtual test environment, then setting up your own DNS server and AD infrastructure. You will continue with more advanced network services, web servers, and database servers and you will end by building your own web applications servers, including WordPress and Joomla!. Systems from 2011 through 2017 are covered, including Windows 7, Windows 8, Windows 10, Windows Server 2012, and Windows Server 2016 as well as a range of Linux distributions, including Ubuntu, CentOS, Mint, and OpenSUSE. Key defensive techniques are integrated throughout and you will develop situational awareness of your network and build a complete defensive infrastructure, including log servers, network firewalls, web application firewalls, and intrusion detection systems. Of course, you cannot truly understand how to defend a network if you do not know how to attack it, so you will attack your test systems in a variety of ways. You will learn about Metasploit, browser attacks, privilege escalation, pass-the-hash attacks, malware, man-in-the-middle attacks, database attacks, and web application attacks. What You'll Learn Construct a testing laboratory to experiment with software and attack techniquesBuild realistic networks that include active directory, file servers, databases, web servers, and web applications such as WordPress and Joomla!Manage networks remotely with tools, including PowerShell, WMI, and WinRMUse offensive tools such as Metasploit, Mimikatz, Veil, Burp Suite, and John the RipperExploit networks

starting from malware and initial intrusion to privilege escalation through password cracking and persistence mechanismsDefend networks by developing operational awareness using auditd and Sysmon to analyze logs, and deploying defensive tools such as the Snort intrusion detection system, IPFire firewalls, and ModSecurity web application firewalls Who This Book Is For This study guide is intended for everyone involved in or interested in cybersecurity operations (e.g., cybersecurity professionals, IT professionals, business professionals, and students)

Ubuntu 8.10 Linux Bible William von Hagen 2009-06-03 Bring yourself up to date on everything you need to know about Ubuntu Linux The Ubuntu Linux Bible covers all of the latest developments in version 8.10 and 8.04, including tips for newcomers as well as expert guidance for seasoned system administrators. Learn about topics like the Gnome Desktop, the Bash shell, virtual machines, wireless networking, file sharing, and more. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Troubleshooting Ubuntu Server Skanda Bhargav 2015-09-25 Make life at the office easier for server administrators by helping them build resilient Ubuntu server systems About This Book Tackle the issues you come across in keeping your Ubuntu server up and running Build server

machines and troubleshoot cloud computing related issues using Open Stack Discover tips and best practices to be followed for minimum maintenance of Ubuntu Server 3 Who This Book Is For This book is for a vast audience of Linux system administrators who primarily work on Debian-based systems and spend long hours trying fix issues with the enterprise server. Ubuntu is already one of the most popular OSes and this book targets the most common issues that most administrators have to deal with. With the right tools and definite solutions, you will be able to keep your Ubuntu servers in the pink of health. What You Will Learn Deploy packages and their dependencies with repositories Set up your own DNS and network for Ubuntu Server Authenticate and validate users and their access to various systems and services Maintain, monitor, and optimize your server resources and avoid tremendous load Get to know about processes, assigning and changing priorities, and running processes in background Optimize your shell with tools and provide users with an improved shell experience Set up separate environments for various services and run them safely in isolation Understand, build, and deploy OpenStack on your Ubuntu Server In Detail Ubuntu is becoming one of the favorite Linux flavors for many enterprises and is being adopted to a large extent. It supports a wide variety of common network systems and the use of standard Internet services including file

serving, e-mail, Web, DNS, and database management. A large scale use and implementation of Ubuntu on servers has given rise to a vast army of Linux administrators who battle it out day in and day out to make sure the systems are in the right frame of operation and pre-empt any untoward incidents that may result in catastrophes for the businesses using it. Despite all these efforts, glitches and bugs occur that affect Ubuntu server's network, memory, application, and hardware and also generate cloud computing related issues using OpenStack. This book will help you end to end. Right from setting up your new Ubuntu Server to learning the best practices to host OpenStack without any hassles. You will be able to control the priority of jobs, restrict or allow access users to certain services, deploy packages, tackle issues related to server effectively, and reduce downtime. Also, you will learn to set up OpenStack, and manage and monitor its services while tuning the machine with best practices. You will also get to know about Virtualization to make services serve users better. Chapter by chapter, you will learn to add new features and functionalities and make your Ubuntu server a full-fledged, production-ready system. Style and approach This book contains topic-by-topic discussion in an easy-to-understand language with loads of examples to help you take care of Ubuntu Server. Plenty of screenshots will guide you through a step-by-step approach.

Ansible For Containers and Kubernetes By Examples Luca Berton Save time managing Containers, Kubernetes and OpenShift with Ansible automation technology with some real-life examples. Every successful IT department needs automation nowadays for bare metal servers, virtual machines, could, containers, and edge computing. Automate your IT journey with Ansible automation technology. I'm going to teach you example by example how to accomplish the most common Containers, Kubernetes, OpenShift and System Administrator tasks. You are going to start with the installation of Ansible in RedHat Enterprise Linux, Ubuntu, and macOS using the most command package manager and archives. Each of the 10+ lessons summarizes a module: from the most important parameter to some demo of code and real-life usage. Each code is battle proved in the real life. Console interaction and verification are included in every video. You are going to save tons of time automating the container management automating with some lines of code and these are only some of the long lists included in the course. Simplify your system administrator journey with Docker, podman, Kubernetes and OpenShift tools. These are technologies very requested in the market nowadays. Are you ready to automate your day with Ansible?

Ubuntu Hacks Jonathan Oxer 2006-10-20 Provides information on getting the most out of

Ubuntu Linux, covering the installation, configuration, and customization of the operating system.

Ansible Linux Filesystem By Examples Luca Berton Ansible is an Open Source IT automation tool. This book contains all of the obvious and not-so-obvious best practices of Ansible automation. Every successful IT department needs automation nowadays for bare metal servers, virtual machines, could, containers, and edge computing. Automate your IT journey with Ansible automation technology. You are going to start with basic concepts and the installation of Ansible in Enterprise Linux and Community Linux using the most command package manager and archives. Each of the 40+ lessons summarizes a specific scenario about files and directories management: creating an empty file, creating a text file, assigning permission to users and groups, renaming files and directory, removing the files and directory, or copying between local and remote and vice-versa. Another useful administrator tool is to assign permission to files or directories as needed. Included extraction of a compressed zip file or tarball with the most common gzips and bzip2 UNIX formats. Moreover, that is a lesson about file download from a URL and verifying the genuinity with the checksum. Are you ready to automate your day with Ansible? Examples in the book are tested with the latest version of Ansible 2.9+ and Ansible

Core 2.11+.

Ubuntu 10.04 Lts Installation Guide Ubuntu Documentation Project 2010-05 The official "Ubuntu 10.04 LTS Installation Guide" contains installation instructions for the Ubuntu 10.04 LTS system (codename "Lucid Lynx").

Ubuntu 16.04 LTS Desktop: Applications and Administration Richard Petersen 2016-06-10

ODROID Magazine 2015-01-01 Table of Contents 6 GNU Radio: Bring Your Personal Radio Broadcasts into the 21st Century 7 Android Gaming: Metal Slug Defense - A Whole New Take on a Beloved Series 8 My Very OwnCloud: Keep Your Files Secure with a Personal Cloud Server 16 Android Gaming: HeavenStrike Rivals - A Classic RPG for the Final Fantasy Lover in All of Us 17 User-Contributed Kernel Repository: Manage Your Software Packages with Automatic Updates Using Apt-Get 19 Upgrade From 13.10 to 14.04: Stay Secure Until April 2019 with an LTS Release 20 Linux Gaming: A Comparison of the Gaming Power of the U3 vs XU3 25 Guide: Community Images 26 Docker: Develop, Ship and Run Any Application, Anywhere Part 1 - Getting Started with Containers 30 Infographic: History of Linux 31 Setting Up ASP.NET and Mono: Building a Microsoft-Free Server Stack 32 Android Development: The Power of Zygote 34 Fancy Graphics With Java: Poiju 38 Seafile: Personal Cloud Software 41 Guide: History of ODROIDs 43 Meet An ODROIDian: Nanik Tolaram, Java Jedi

Ubuntu 18.04 Essentials Neil Smyth 2020-04-30 Arguably one of the most highly regarded and widely used enterprise level operating systems available today is the Ubuntu 18.04 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 Canonical, Ltd. Ubuntu 18.04 Essentials is designed to provide detailed information on the installation, use and administration of the Ubuntu 18.04 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. 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.

Linux Mint 20.2 Richard Petersen 2021-08-01 Linux mint 20.2 (Uma) is based on the Ubuntu 20.04 LTR (Long Term Release). The Cinnamon

and Mate desktops are examined in detail. Cinnamon and Mate have custom Mint menus to manage access to applications and devices. Advanced components are also examined such as the LightDM Display Manager, Warpinator, Timeshift, NetworkManager, the Samba server, and Mint software management applications (Software Manager and Update Manager). The Linux Mint X-Apps are also reviewed, including Xplayer, Xed, and Xviewer. Administration topics include system tools, managing users, file systems, Bluetooth setup, printer configuration, and network folder and file sharing. In addition, configuration of wired and wireless connections, firewalls, and service management using systemd are covered. Shared resources are also examined, including the CUPS printing server, the NFS Linux network file server, and Samba Windows file server. Be advised that there are few changes between Linux Mint 20.2 and Linux Mint 20.

Ansible For Security by Examples Luca Berton 2022-03-14 Ansible is an Open Source IT automation tool. This book contains all of the obvious and not-so-obvious best practices of Ansible automation for Security and Compliance. Every successful IT department needs automation nowadays for bare metal servers, virtual machines, could, containers, and edge computing. Automate your IT journey with Ansible automation technology. You are going to start

with the installation of Ansible in Enterprise Linux, Community Linux, Windows, and macOS using the most command package manager and archives. Each of the 100+ lessons summarizes a module: from the most important parameter to some Ansible code and real-life usage. Each code is battle proved in the real life. Simplifying mundane activities like creating a text file, extracting and archiving, fetching a repository using HTTPS or SSH connections could be automated with some lines of code and these are only some of the long lists included in the course. There are some Ansible codes usable in all the Linux systems, some specific for RedHat-like, Debian-like, and Windows systems. The 20+ Ansible troubleshooting lesson teaches you how to read the error message, how to reproduce, and the process of troubleshooting and resolution. Are you ready to automate your day with Ansible? Examples in the book are tested with the latest version of Ansible 2.9+ and Ansible Core 2.11+.

Linux Bible 2010 Edition Christopher Negus 2010-06-03 The definitive guide to the basics of one of the most popular operating systems in the world Whether you're a first-time Linux user or you're migrating from another operating system, this book is an ideal introductory guide for getting comfortable with the building-block nature of Linux. Written by bestselling author Christopher Negus, this guide is packed with in-depth descriptions on the basics of Linux desktops, servers, and programming tools and gets you up to speed on all the new and exciting features of the newest version: Linux 2010. Negus walks you through transitioning from Windows or Mac and helps you find the Linux distribution that best meets your needs. You'll explore more than 18 Linux distributions, including the latest versions of Ubuntu, Fedora, Debian, OpenSUSE, Slackware, Knoppix, Gentoo, Mandriva, SLAX, and more. Plus, you'll discover how to set up secure, fully functioning Linux server systems and get up-to-date installation advice. Topics Covered: Getting off the Ground with Linux Running a Linux Desktop Learning System Administration Skills Setting Up Linux Servers Choosing and Installing Different Linux Distributions Programming in Linux Linux Bible 2010 Edition walks you through the details of the various Linux distributions and updates you on the latest networking, desktop, and server enhancements. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Ubuntu 21.04 Server Richard Petersen 2021-06-10 This book is designed as an Ubuntu 21.04 Server administration and reference source, covering the Ubuntu servers and their support applications. Server tools are covered as well as the underlying configuration files and system implementations. The emphasis is on what administrators will need to know to perform key server support and management tasks. Coverage

of the systemd service management system is integrated into the book. Topics covered include software management, systemd service management, AppArmor security, OpenSSH, the Chrony time server, and Ubuntu cloud services. Key servers are examined, including Web, FTP, CUPS printing, NFS, and Samba Windows shares. Network support servers and applications covered include the Squid proxy server, the Domain Name System (BIND) server, DHCP, distributed network file systems, IPtables firewalls, and cloud computing.

Debian 9 Stretch Basic Administration (UTeM Press) Wahidah Md Shah Debian is introduced in 1993 and one of the oldest Linux distribution to date. Debian serves as the foundation of many other Linux distribution among other the well-known Ubuntu, Linux Mint and Raspbian.

Ubuntu 10.10 Server Guide Ubuntu Documentation Project 2010-12 The official "Ubuntu 10.10 Server Guide" contains information on how to install and configure various server applications on your Ubuntu system to fit your needs.

The Debian Administrator's Handbook, Debian Jessie from Discovery to Mastery Raphaël Hertzog

Ansible For PostgreSQL by Examples Luca Berton 2022-06-10 Learn the Ansible automation technology with some real-life examples. Every successful IT department needs automation

nowadays for bare metal servers, virtual machines, could, containers, and edge computing. Automate your IT journey with Ansible automation technology. I'm going to teach you example by example how to accomplish the most common Dabatse Administrator tasks. Each of the lessons summarizes a module: from the most important parameter to some live demo of code and real-life usage. Each code is battle proved in the real life. Console interaction and verification are included in every lesson. Mundane activities like installing the database management system in Red Hat (Red Hat Enterprise Linux, CentOS, Amazon Linux, AlmaLinux, Rocky Linux, etc.) and Debian (Ubuntu, Scientific Linux) like systems, creating a database file, creating a user, granting the permission to a user to connect to the database, backup ad restore a single database could be automated with some lines of code and these are only some of the long lists included in the course. There are some Ansible codes usable in all the Linux systems, some specific for RedHat-like, Debian-like systems. The Ansible troubleshooting lesson teaches you how to read the error message, how to reproduce it, and the process of troubleshooting and resolution. Are you ready to automate your day with Ansible? Examples in the book are tested with the latest version of Ansible 2.9+ and Ansible Core 2.11+.

Drone.io 入门：开源持续集成系统 README Digital社区 2021-10-26 本书不仅带领读者走入持续集成的世界，

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Ubuntu 10.10 Installation Guide Ubuntu Documentation Project 2010-12 The official "Ubuntu 10.10 Installation Guide" contains installation instructions for the Ubuntu 10.10 system (codename "Maverick Meerkat").

Ubuntu 11.04 Server Guide Ubuntu Documentation Project 2011-05 The official "Ubuntu 11.04 Server Guide" contains information on how to install and configure various server applications on your Ubuntu system to fit your needs.

Learning CFEngine 3 Diego Zamboni 2012 Discusses how CFEngine 3 can be used to automate computer networks and perform such low-level actions as user management, security, and software installation.

Ansible For Amazon Web Services AWS By Examples Luca Berton 2022-07-13 This course provides an introduction to the Ansible language. Ansible is a popular open source IT automation technology for scripting applications in a wide variety of domains. It is free, portable, powerful, and remarkably easy and fun to use. This course is a tool to learn the Ansible automation technology with some real-life examples. Learn the Ansible automation technology with some real-life examples. Every successful IT department needs automation nowadays for bare metal servers, virtual machines, could, containers, and edge computing. Automate your IT journey with Ansible automation technology. I'm going to teach you example by example how to

accomplish the most common IT Professional tasks to automate your AWS Infrastructure. Each of the lessons summarizes a specific use case for the Modern AWS Infrastructure. Each lesson is focused on a module from the most important parameter with some live demo of code and real-life usage. Each code is battle proved in the real life. Console interaction and verification are included in every video. How to configure Ansible to interact with AWS infrastructure - EC2, VPC, security groups, etc.. You could automate the creation, update, and gather information for EC2 machines, and many more use-cases using Ansible. A mundane activity like creating an AWS EC2 machine is the most used with Ansible For AWS. Each example is using the secure connection protocol to guarantee sensible data are encrypted and reserved. Maintain your AWS infrastructure network the most efficiently as possible with Ansible Automation, the simple human-readable automation technology. Are you ready to automate your day with Ansible? Examples in the book are tested with the latest version of Ansible 2.9+ and Ansible Core 2.11+.

Advances in Conceptual Modeling Giancarlo Guizzardi 2019-10-26 This book constitutes the refereed proceedings of five workshops symposia, held at the 38th International Conference on Conceptual Modeling, ER 2019, in Salvador, Brazil, in November 2019. The 34 papers promote and disseminate research on theories of concepts underlying conceptual modeling, methods and tools for developing and communicating conceptual models, techniques for transforming conceptual models into effective implementations, and the impact of conceptual modeling techniques on databases, business strategies and information systems. The following workshops are included in this volume: Workshop on Conceptual Modeling, Ontologies and Metadata Management for FAIR Data (FAIR), 6th Workshop on Conceptual Modeling in Requirements Engineering and Business Analysis (MREBA), 2nd International Workshop on Empirical Methods in Conceptual Modeling (EmpER), 8th International Workshop on Modeling and Management of Big Data (MoBiD19), and 7th International Workshop on Ontologies andConceptual Modelling (OntoCom).

Mastering Ubuntu Server Jay LaCroix 2016-07-27 Get up to date with the finer points of Ubuntu Server using this comprehensive guide About This Book Get well-versed with newly-added features in Ubuntu 16.04 Master the art of installing, managing, and troubleshooting Ubuntu Server A practical easy-to-understand book that will help you enhance your existing skills. Who This Book Is For This book is intended for readers with intermediate or advanced-beginner skills with Linux, who would like to learn all about setting up servers with Ubuntu Server. This book assumes that the reader knows the basics of

Linux, such as editing configuration files and running basic commands. What You Will Learn Learn how to manage users, groups, and permissions Encrypt and decrypt disks with Linux Unified Key Setup /Luks Setup SSH for remote access, and connect it to other nodes Understand how to add, remove, and search for packages Use NFS and Samba to share directories with other users Get to know techniques for managing Apache and MariaDB Explore best practices and troubleshooting techniques In Detail Ubuntu is a Debian-based Linux operating system, and has various versions targeted at servers, desktops, phones, tablets and televisions. The Ubuntu Server Edition, also called Ubuntu Server, offers support for several common configurations, and also simplifies common Linux server deployment processes. With this book as their guide, readers will be able to configure and deploy Ubuntu Servers using Ubuntu Server 16.04, with all the skills necessary to manage real servers. The book begins with the concept of user management, group management, as well as file-system permissions. To manage your storage on Ubuntu Server systems, you will learn how to add and format storage and view disk usage. Later, you will also learn how to configure network interfaces, manage IP addresses, deploy Network Manager in order to connect to networks, and manage network interfaces. Furthermore, you will understand how to start and stop services so that you can manage running processes on Linux servers. The book will then demonstrate how to access and share files to or from Ubuntu Servers. You will learn how to create and manage databases using MariaDB and share web content with Apache. To virtualize hosts and applications, you will be shown how to set up KVM/Qemu and Docker and manage virtual machines with virt-manager. Lastly, you will explore best practices and troubleshooting techniques when working with Ubuntu Servers. By the end of the book, you will be an expert Ubuntu Server user well-versed in its advanced concepts. Style and Approach This book is an advanced guide that will show readers how to administer, manage, and deploy Ubuntu server and will also provide expert-level knowledge on advanced security and backup techniques.

Hands-on DevOps with Linux Alisson Machado de Menezes 2021-03-24 Manage Linux Servers on-premises and cloud with advanced DevOps techniques using Kubernetes KEY FEATURES ⬜ Detailed coverage on architecture of Web Servers, Databases, and Cloud Servers. ⬜ Practical touch on deploying your application and managing cloud infrastructure using Docker and Terraform. ⬜ Simplified implementation of Infrastructure as Code with Vagrant. ⬜ Explore the use of different cloud services for better provisioning, scalability, and reliability of enterprise applications. DESCRIPTION Hands-on

DevOps with Linux brings you advanced learnings on how to make the best use of Linux commands in managing the DevOps infrastructure to keep enterprise applications up-to-date. The book begins by introducing you to the Linux world with the most used commands by DevOps experts and teaches how to set up your own infrastructure in your environment. The book covers exclusive coverage on production scenarios using Kubernetes and how the entire container orchestration is managed. Throughout the book, you will get accustomed to the most widely used techniques among DevOps Engineers in their routine. You will explore how infrastructure as code works, working with Vagrant, Docker and Terraform through which you can manage the entire cloud deployment of applications along with how to scale them on your own. WHAT YOU WILL LEARN ⬜ Create Infrastructure as Code to replicate the configuration to your infrastructure. ⬜ Learn best methods and techniques to build continuous delivery pipeline using Jenkins. ⬜ Learn to Distribute and scale your applications using Kubernetes. ⬜ Get insights by analyzing millions of server logs using Kibana and Logstash. WHO THIS BOOK IS FOR This book is best suited for DevOps Engineers and DevOps professionals who want to make best use of Linux commands in managing the DevOps infrastructure daily. It is a good handy guide for Linux administrators and system administrators too to get familiar with the use of Linux in Devops and advance their skillset in DevOps. TABLE OF CONTENTS 1. Getting started with Linux 2. Working with Bash 3. Setting up a service 4. Configuring a reverse proxy with Nginx 5. Deploying your application using Docker 6. Automating your Infrastructure as Code 7. Creating your infrastructure using cloud services 8. Working with Terraform 9. Working with Git 10. Continuous integration and Continuous Delivery using Jenkins 11. Deploying and scaling your application using Kubernetes 12. Logs with open source Tools

Pro PHP Kevin McArthur 2008-05-29 Pro PHP presents experienced developers with a thorough guide to the language's key advanced features, focusing on both recent and emerging features and development trends. Advanced object-oriented features, documentation, debugging, software patterns, and the Standard PHP Library are just a few of the topics covered in extensive detail. Author and noted PHP expert Kevin McArthur also examines emerging practices and trends such as the MVC architecture as applied to PHP, with special emphasis placed upon the increasingly popular Zend Framework. The book also covers JSON, the SOAP extension, and advanced web services topics.

Ansible Tips and Tricks Luca Berton 2022-05-04 Learn the Ansible automation technology with some real-life examples. Every successful IT

department needs automation nowadays for bare metal servers, virtual machines, could, containers, and edge computing. Automate your IT journey with Ansible automation technology. I'm going to teach you example by example how to accomplish the most common System Administrator tasks. Each of the 10+ lessons summarizes a real-life scenario and the most important module description and the most important parameter to succeed in your journey. Moreover, each code is battle proved in the real life. Console interaction and verification are included in every video. A mundane activity like printing a text/variable during execution, Pause execution, How to Pass Variables to Ansible Playbook in the command line, breaking a string over multiple lines, Ansible ansible_hostname vs inventory_hostname, setting remote environment per task or play, executing a command on the Ansible localhost, three options to Safely Limit Ansible Playbooks Execution to a Single Machine, command vs shell modules, write a Variable to a File and these are only some of the long lists included in the course. There are some Ansible codes usable in all the Linux systems. Are you ready to automate your day with Ansible to the next level?

Ansible by Examples Luca Berton 2022-01-31 Ansible is an Open Source IT automation tool. This book contains all of the obvious and not-so-obvious best practices of Ansible automation.

Every successful IT department needs automation nowadays for bare metal servers, virtual machines, could, containers, and edge computing. Automate your IT journey with Ansible automation technology. You are going to start with the installation of Ansible in Enterprise Linux, Community Linux, Windows, and macOS using the most command package manager and archives. Each of the 200+ lessons summarizes a module: from the most important parameter to some Ansible code and real-life usage. Each code is battle proved in the real life. Simplifying mundane activities like creating a text file, extracting and archiving, fetching a repository using HTTPS or SSH connections could be automated with some lines of code and these are only some of the long lists included in the course. There are some Ansible codes usable in all the Linux systems, some specific for RedHat-like, Debian-like, and Windows systems. The 20+ Ansible troubleshooting lesson teaches you how to read the error message, how to reproduce, and the process of troubleshooting and resolution. Are you ready to automate your day with Ansible? Examples in the book are tested with the latest version of Ansible 2.9+ and Ansible Core 2.11+. **Computer hardware, Ubuntu Linux, Windows 10, Internet Introductions** Lalit Mali 2017-03-07 This book will help its readers to know more about the basics of computer hardware and its peripheral devices, number system, operating system. This

book also contains information about Windows 10 operating system and its interface, Linux introduction, installing linux, Ubuntu linux interface root/console & command line control and its structure, understating internet & its concept as well as tips about Microsoft office 2016, detail explanation about Microsoft office application menu & tab complete description.

Ubuntu Linux Bible William von Hagen 2007-03-26 Everything you need to know—and then some! It's the fastest-growing, coolest Linux distribution out there, and now you can join the excitement with this information-packed guide. Want to edit graphics? Create a spreadsheet? Manage groups? Set up an NFS server? You'll learn it all and more with the expert guidance, tips, and techniques in this first-ever soup-to-nuts book on Ubuntu. From the basics for newcomers to enterprise management for system administrators, it's what you need to succeed with Ubuntu. Master the fundamentals for desktop and networks Send e-mail, share files, edit text, and print Download music, watch DVDs, and play games Use Ubuntu on laptops, go wireless, or synch it with your PDA Set up Web, mail, print, DNS, DHCP, and other servers Manage groups and secure your network What's on the CD-ROM? Test-drive Ubuntu on your computer without changing a thing using the bootable Ubuntu Desktop Live CD included with this book. If you decide to install it permanently, a simple,

easy-to-use installer is provided. Also on the CD, you'll find: Popular open-source software for Microsoft(r) Windows(r), such as AbiWord, Firefox(r), GIMP, and more An easy-to-use application that simplifies installing these programs on your Microsoft Windows system System Requirements: Please see the "About the CD-ROM Appendix" for details and complete system requirements. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Ansible For Linux by Examples Luca Berton 2022-03-11 Ansible is an Open Source IT automation tool. This book contains all of the obvious and not-so-obvious best practices of Ansible automation. Every successful IT department needs automation nowadays for bare metal servers, virtual machines, could, containers, and edge computing. Automate your IT journey with Ansible automation technology. You are going to start with the installation of Ansible in Enterprise and Community Linux using the most command package manager and archives. Each of the 200+ lessons summarizes a module: from the most important parameter to some Ansible code and real-life usage. Each code is battle proved in the real life. Simplifying mundane activities like creating a text file, extracting and archiving, fetching a repository using HTTPS or SSH connections could be automated with some lines of code and these are only some of the long

lists included in the course. There are some Ansible codes usable in all the Linux systems, some specific for RedHat-like, Debian-like, and Suse-like. The 20+ Ansible troubleshooting lesson teaches you how to read the error message, how to reproduce, and the process of troubleshooting and resolution. Are you ready to automate your day with Ansible? Examples in the book are tested with the latest version of Ansible 2.9+ and Ansible Core 2.11+.

Linux Mint 20 Richard Petersen 2020-09-01 Linux Mint 20 (Ulyana) is based on the Ubuntu 20.04 LTR (Long Term Release). The Cinnamon and Mate desktops are examined in detail. Cinnamon and Mate have custom Mint menus to manage access to applications and devices. Advanced components are also examined such as the LightDM Display Manager, Warpinator, Timeshift, NetworkManager, the Samba server, and Mint software management applications (Software Manager and Update Manager). The Linux Mint X-Apps are also reviewed, including Xplayer, Xed, and Xviewer. Administration topics include system tools, managing users, file systems, Bluetooth setup, printer configuration, and network folder and file sharing. In addition, configuration of wired and wireless connections, firewalls, and service management using systemd are covered. Shared resources are also examined, including the CUPS printing server, the NFS Linux network file server, and Samba Windows file server.

Digital Forensics with Open Source Tools Cory Altheide 2011-03-29 Digital Forensics with Open Source Tools is the definitive book on investigating and analyzing computer systems and media using open source tools. The book is a technical procedural guide, and explains the use of open source tools on Mac, Linux and Windows systems as a platform for performing computer forensics. Both well-known and novel forensic methods are demonstrated using command-line and graphical open source computer forensic tools for examining a wide range of target systems and artifacts. Written by world-renowned forensic practitioners, this book uses the most current examination and analysis techniques in the field. It consists of 9 chapters that cover a range of topics such as the open source examination platform; disk and file system analysis; Windows systems and artifacts; Linux systems and artifacts; Mac OS X systems and artifacts; Internet artifacts; and automating analysis and extending capabilities. The book lends itself to use by students and those entering the field who do not have means to purchase new tools for different investigations. This book will appeal to forensic practitioners from areas including incident response teams and computer forensic investigators; forensic technicians from legal, audit, and consulting firms; and law enforcement agencies. Written by world-renowned forensic practitioners Details core concepts and

techniques of forensic file system analysis Covers analysis of artifacts from the Windows, Mac, and Linux operating systems