

Allied Telesis Switch Configuration Guide

The revised and extended papers collected in this volume represent the cutting-edge of research at the nexus of electrical engineering and intelligent systems. They were selected from well over 1000 papers submitted to the high-profile international World Congress on Engineering held in London in July 2011. The chapters cover material across the full spectrum of work in the field, including computational intelligence, control engineering, network management, and wireless networks. Readers will also find substantive papers on signal processing, Internet computing, high performance computing, and industrial applications. The Electrical Engineering and Intelligent Systems conference, as part of the 2011 World Congress on Engineering was organized under the auspices of the non-profit International Association of Engineers (IAENG). With more than 30 nations represented on the conference committees alone, the Congress features the best and brightest scientific minds from a multitude of disciplines related to engineering. These peer-reviewed papers demonstrate the huge strides currently being taken in this rapidly developing field and reflect the excitement of those at the frontiers of this research.

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

If you are a Python programmer or a security researcher who has basic knowledge of Python programming and want to learn about penetration testing with the help of Python, this book is ideal for you. Even if you are new to the field of ethical hacking, this book can help you find the vulnerabilities in your system so that you are ready to tackle any kind of attack or intrusion.

This expanded and completely updated edition, of the popular text reflects the major changes to communications technology since 1990. New coverage includes discussions of ATM and Frame Relay, Ethernet and Token-Ring Networks, and expanded treatment of satellite communications. There is also new material on the ATM LAN versus WAN evolution as well as new sections on LAN networking and Internetworking. Emphasis is given throughout to reflect the emergence of the Internet with timely information on TCP/IP, NetWare, and LAN applications.

Go beyond layer 2 broadcast domains with this in-depth tour of advanced link and internetwork layer protocols, and learn how they enable you to expand to larger topologies. An ideal follow-up to Packet Guide to Core Network Protocols, this concise guide dissects several of these protocols to explain their structure and operation. This isn't a book on packet theory. Author Bruce Hartpence built topologies in a lab as he wrote this guide, and each chapter includes several packet captures. You'll learn about protocol classification, static vs. dynamic topologies, and reasons for installing a particular route. This guide covers: Host routing—Process a routing table and learn how traffic starts out across a network Static routing—Build router routing tables and understand how forwarding decisions are made and processed Spanning Tree Protocol—Learn how this protocol is an integral part of every network containing switches Virtual Local Area Networks—Use VLANs to address the limitations of layer 2 networks Trunking—Get an indepth look at VLAN tagging and the 802.1Q protocol Routing Information Protocol—Understand how this distance vector protocol works in small, modern communication networks Open Shortest Path First—Discover why convergence times of OSPF and other link state protocols are improved over distance vectors

Conference proceedings - International Academic Conference on Engineering, Internet and Technology in Prague 2014 (IAC-ElAT 2014 in Prague), Friday - Saturday, December 12 - 13, 2014

THE HARD DRIVE BIBLE, EIGHTH EDITION is the definitive reference book for anyone who deals with personal computer data storage devices of any kind. This comprehensive work covers installations, drive parameters, & set up information for thousands of Hard Disk, Optical, DAT Tape, & CD-ROM Drives. A concise history of data storage devices is followed by the most expansive compilation of technical data offered to the public today. Specifications, drawings, charts & photos cover jumper settings, cabling, partitioning & formatting of disk drives. SCSI commands & protocols are addressed, in addition to chapters revealing the intricacies of different interface standards & common troubleshooting procedures. THE HARD DRIVE BIBLE contains the answers to anyone's questions concerning the purchase, installation & use of modern digital data storage devices. The difficulties caused by compatibility mismatches are addressed & solutions are offered. Also featured are controller card information & performance ratings, as well as valuable tips on increasing drive performance & reliability through software. THE HARD DRIVE BIBLE is published by Corporate Systems Center, one of the leaders in the digital storage device field. A CD-ROM included with the book carries CSC's drive performance test software & formatting tools, as well as thousands of drive parameters, specifications, & technical drawings. To order contact: Corporate Systems Center, 1294 Hammerwood Avenue, Sunnyvale, CA 94089; 408-743-8787.

This book introduces the concepts and features of Linux. It describes the features and services of the Internet which have been instrumental in the rapid development and wide distribution of Linux and focuses on the graphical interface, network capability, and extended tools of Linux. It also gives an overview of the wide range of freeware applications available for Linux. Now completely revised and expanded to help the reader take full advantage of the high-performance of Linux 2.0, this third edition lists all of the currently supported hardware; provides the latest information on Linux as client/server; explains the newest applications including StarOffice 3.1, new graphics tools (including GIMP), Xemacs, and LyX; and presents the most up to date information on security and cryptography. Plus, there is a new UNIX command reference with entries grouped by purpose, as well as a new section on how to deal with errors. All in all, the

most up-to-date information on Linux available!

Switch/Router Architectures Systems with Crossbar Switch Fabrics CRC Press

For graduate and executive level MIS students, and practicing IS managers. A thorough and practical guide to IT management practices and issues. Managing Information Technology provides comprehensive coverage of IS management practices and technology trends for advanced students and managers. Through an approach that offers up-to-date chapter content and full-length case studies, this text presents a unique set of materials that educators can customize to their students' needs. The sixth edition has been thoroughly updated and streamlined to reflect current IS practices.

The Information Age: An Anthology on Its Impacts and Consequences was originally prepared by The Center for Advanced Concepts, Technologies, and Information Strategies of the Institute for National Strategic Studies, National Defense University. The original four volumes have been combined into one volume for this printing. They are: Part One: The Information and Communication Revolution Part Two: Business, Commerce, and Services Part Three: Government and the Military Part Four: International Affairs

Note - this version is for instructor led classroom use only. If you are looking for the self study version the ISBN for that is 978-0-7897-5088-0. Cisco CCNA Routing and Switching 200-120

Network Simulator helps students in the classroom develop and improve hands-on configuration and troubleshooting skills without the investment in expensive lab hardware. This state-of-the-art, interactive simulation software enables you to practice your networking skills with almost 400 structured labs designed to help you learn by doing, the most effective method of learning.

Topics covered include router and switch navigation and administration, Ethernet LAN switches, VLANs and trunking, Spanning Tree Protocol (STP), IPv4 and IPv6 addressing and subnetting, subnet design, VLSM, route summarization, IPv4 Access Control Lists (ACL), Network Address Translation (NAT), DHCP, HSRP, GLBP, router on a stick (ROAS), operating Cisco routers, IPv4 and IPv6 routing, OSPF configuration and troubleshooting, EIGRP configuration and troubleshooting, Frame Relay, network management, SNMP, IOS licensing, and network troubleshooting. Experience realistic network device responses as you perform each lab, which include detailed instructions, topology diagrams, critical-thinking questions, hints, and answers.

Working through the labs, you will quickly become proficient with all the common Cisco IOS version 15 router and switch commands on the CCNA Routing and Switching exam. Choose from almost 400 labs organized by lab type or by topic. Track your progress with the lab status indicator, and use the new search feature to search for commands and keywords. Review lab objectives and step-by-step instructions within each lab, opening hints and tips sections that help you when you get stuck. Record your observations on device performance in interactive tables. Enter answers to critical thinking questions and get instant feedback to verify your work. Access performance reports in this easy-to-navigate grade history screen, which store all your attempts on each lab. View device configuration details, lab question performance, time to complete each lab, and CLI activity for each device in every lab. Export lab results to PDF files for easy sharing. Unlike other simulators on the market, the lab scenarios included in the Cisco CCNA Routing and Switching 200-120 Network Simulator are far more complex, challenging you to learn how to perform real-world network configuration and troubleshooting tasks. Note - this version is for classroom use. The ISBN for the version for personal study is 978-0-7897-5088-0.

This book is a study guide for Huawei (HCNA) certification. It has been written to help readers understand the principles of network technologies. It covers topics including network fundamentals, Ethernet, various protocols such as those used in routing, and Huawei's own VRP operating system—all essential aspects of HCNA certification. Presenting routing and switching basics in depth, it is a valuable resource for information and communications technology (ICT) practitioners, university students and network technology fans.

Passionately democratic in its advocacy of networking for the masses, this is the first book on Linux networking written especially for the novice user. Because the free, open-source Linux operating system is winning so many converts today, the number of Linux-based networks will grow exponentially over the next few years. Taking up where Linux Clearly Explained left off, Linux Networking Clearly Explained walks the reader through the creation of a TCP/IP-based, Linux-driven local area network, beginning with a "sandbox" installation involving just two or three computers. Readers master the fundamentals of system and network administration—including handling user accounts and setting up security—in this less complex environment. The author then helps them along to the more sophisticated techniques associated with connecting this network to the Internet. * Focuses on the 20% of Linux networking knowledge that satisfies 80% of network needs—including the needs of small businesses, workgroups within enterprises and high-tech homes. * Teaches novices to implement DNS servers, network information services (NIS), network file systems (NFS), and all of the most important TCP/IP services, including email, Web and newsgroup access. * Explains how to set up AppleTalk and Windows NT domain servers for networks that include Macintosh or Windows systems. * Comes with a CD containing the latest version of Red Hat Linux, as well as additional freeware/shareware Linux tools and network management applications.

This book features a selection of revised and extended research articles written by prominent researchers who participated in the 26th World Congress on Engineering and Computer Science (WCECS 2018), held in San Francisco, USA, on October 23–25, 2018. Topics covered include engineering mathematics, electrical engineering, communications systems, computer science, chemical engineering, systems engineering, manufacturing engineering and industrial applications. With contributions carefully chosen to represent the most cutting-edge research presented at the conference and highlighting the state of the art in engineering technologies and the physical sciences and their applications, the book is a valuable reference resource for graduate students and researchers working in these fields.

Wield the power of OpenStack Neutron networking to bring network infrastructure and capabilities to your cloud About This Book This completely up-to-date edition will show you how to deploy a cloud on OpenStack using community-driven processes. It includes rich examples that will help you understand complex networking topics with ease Understand every aspect of designing, creating, customizing, and maintaining the core network foundation of an OpenStack cloud using OpenStack Neutron all in one book Written by best-selling author James Denton, who has more than 15 years of experience in system administration and networking. James has experience of deploying, operating, and maintaining OpenStack clouds and has worked with top enterprises and organizations Who This Book Is For If you are an OpenStack-based cloud operator and administrator who is new to Neutron networking and wants to build your very own OpenStack cloud, then this book is for you. Prior networking experience and a physical server and network infrastructure is recommended to follow along with concepts demonstrated in the

book. What You Will Learn Architect and install the latest release of OpenStack on Ubuntu Linux 14.04 LTS Review the components of OpenStack networking, including plugins, agents, and services, and learn how they work together to coordinate network operations Build a virtual switching infrastructure using reference architectures based on ML2 + Open vSwitch or ML2 + LinuxBridge Create networks, subnets, and routers that connect virtual machine instances to the network Deploy highly available routers using DVR or VRRP-based methods Scale your application with haproxy and Load Balancing as-a-Service Implement port and router-level security using Security Groups and Firewall as-a-Service Provide connectivity to tenant networks with Virtual Private Networking as-a-Service (VPNaaS) Find out how to manage OpenStack networking resources using CLI and GUI-driven methods In Detail OpenStack Neutron is an OpenStack component that provides networking as a service for other OpenStack services to architect networks and create virtual machines through its API. This API lets you define network connectivity in order to leverage network capabilities to cloud deployments. Through this practical book, you will build a strong foundational knowledge of Neutron, and will architect and build an OpenStack cloud using advanced networking features. We start with an introduction to OpenStack Neutron and its various components, including virtual switching, routing, FWaaS, VPNaaS, and LBaaS. You'll also get hands-on by installing OpenStack and Neutron and its components, and use agents and plugins to orchestrate network connectivity and build a virtual switching infrastructure. Moving on, you'll get to grips with the HA routing capabilities utilizing VRRP and distributed virtual routers in Neutron. You'll also discover load balancing fundamentals, including the difference between nodes, pools, pool members, and virtual IPs. You'll discover the purpose of security groups and learn how to apply the security concept to your cloud/tenant/instance. Finally, you'll configure virtual private networks that will allow you to avoid the use of SNAT and floating IPs when connecting to remote networks. Style and approach This easy-to-follow guide on networking in OpenStack follows a step-by-step process to installing OpenStack and configuring the base networking components. Each major networking component has a dedicated chapter that will build on your experience gained from prior chapters.

Become more culturally competent in an increasingly diverse world Recent years have seen dramatic changes to several institutions worldwide. Our increasingly interconnected, digitized, and globalized world presents immense opportunities and unique challenges. Modern businesses and schools interact with individuals and organizations from a diverse range of cultural and national backgrounds—increasing the likelihood for miscommunication, errors in strategy, and unintended consequences in the process. This has also spilled into our daily lives and the way we consume information today. Understanding how to navigate these and other pitfalls requires adaptability, nuanced cross-cultural communication, and effective conflict resolution. Use Your Difference to Make a Difference provides readers with a skills-based, actionable plan that transforms differences into agents of inclusiveness, connection, and mutual understanding. This innovative and timely guide illustrates how to leverage differences to move beyond unconscious biases, manage a culturally-diverse workplace, create an environment for more tolerant schooling environments, more trusted media, communicate across borders, find and retain diverse talent, and bridge the gap between working locally and expanding globally. Expert guidance on a comprehensive range of topics—teamwork, leadership styles, information sharing, delegation, supervision, giving and receiving feedback, coaching and motivation, recruiting, managing suppliers and customers, and more—helps you manage the essential aspects of international relationships and cultural awareness. This valuable resource contains the indispensable knowledge required to: Develop self-awareness needed to be a cross-cultural communicator Develop content, messaging techniques, marketing plans, and business strategies that translate across cultural borders Help your employees to better understand and collaborate with clients and colleagues from different backgrounds Help teachers build safe environments for students to be themselves Strengthen cross-cultural competencies in yourself, your team, and your entire organization Understand the cultural, economic, and political factors surrounding our world Use Your Difference to Make a Difference is a must-have resource for any educator, parent, leader, manager, or team member of an organization that interacts with co-workers and customers from diverse cultural backgrounds.

Objectives The purpose of Top-Down Network Design, Third Edition, is to help you design networks that meet a customer's business and technical goals. Whether your customer is another department within your own company or an external client, this book provides you with tested processes and tools to help you understand traffic flow, protocol behavior, and internetworking technologies. After completing this book, you will be equipped to design enterprise networks that meet a customer's requirements for functionality, capacity, performance, availability, scalability, affordability, security, and manageability. Audience This book is for you if you are an internetworking professional responsible for designing and maintaining medium- to large-sized enterprise networks. If you are a network engineer, architect, or technician who has a working knowledge of network protocols and technologies, this book will provide you with practical advice on applying your knowledge to internetwork design. This book also includes useful information for consultants, systems engineers, and sales engineers who design corporate networks for clients. In the fast-paced presales environment of many systems engineers, it often is difficult to slow down and insist on a top-down, structured systems analysis approach. Wherever possible, this book includes shortcuts and assumptions that can be made to speed up the network design process. Finally, this book is useful for undergraduate and graduate students in computer science and information technology disciplines. Students who have taken one or two courses in networking theory will find Top-Down Network Design, Third Edition, an approachable introduction to the engineering and business issues related to developing real-world networks that solve typical business problems. Changes for the Third Edition Networks have changed in many ways since the second edition was published. Many legacy technologies have disappeared and are no longer covered in the book. In addition, modern networks have become multifaceted, providing support for numerous bandwidth-hungry applications and a variety of devices, ranging from smart phones to tablet PCs to high-end servers. Modern users expect the network to be available all the time, from any device, and to let them securely collaborate with coworkers, friends, and family. Networks today support voice, video, high-definition TV, desktop sharing, virtual meetings, online training, virtual reality, and applications that we can't even imagine that brilliant college students are busily creating in their dorm rooms. As applications rapidly change and put more demand on networks, the need to teach a systematic approach to network design is even more important than ever. With that need in mind, the third edition has been retooled to make it an ideal textbook for college students. The third edition features review questions and design scenarios at the end of each chapter to help students learn top-down network design. To address new demands on modern networks, the third edition of Top-Down Network Design also has updated material on the following topics: √ Network redundancy √ Modularity in network designs √ The Cisco SAFE security reference architecture √ The Rapid Spanning Tree Protocol (RSTP) √ Internet Protocol version 6 (IPv6) √ Ethernet

scalability options, including 10-Gbps Ethernet and Metro Ethernet ; Network design and management tools

Explains how to prepare and install the Linux system, work with shells and command lines, use the X Windows graphical interface, access the Web, and configure mail and news services

Slackware Creator Patrick Volkerding Shows You How to Build Your Own System Harness the power of Linux with step-by-step explanations straight from the creator of one of its most popular distributions. Complete with Slackware 3.5 and new coverage of specific installation and configuration topics, Linux® Configuration and Installation, 4th Edition brings you everything you need, short of a PC, to get you up and running in no time. Inside, You'll Learn How to: Prepare your PC for Linux Install and configure Linux for your system Set up XFree86 Master the basic Linux tools and applications Manage your system for maximum performance Leverage resources with a Linux network Expand your system with telecommunications capabilities Connect to the Internet with Linux Develop Linux applications using C, Make, Java, Tcl, Perl, and Gawk Get Slackware 3.5 Free, including: Kernels for most major PC hardware configurations — including support for IDE/EIDE, SCSI, PCMCIA cards, tape drives, sound boards, network cards, Jaz and Zip drives, and CD-ROMs Full set of installation tools — including easy-to-use menus and tools for upgrading Three installation methods — traditional Linux installation via bootdisks and rootdisks, direct installation onto a Zip drive or other DOS partition, and direct installation from the bootable installation CD-ROM Complete installation of XFree86 3.3.2 system — including installation and configuration utilities, window managers (fvwm, fvwm-95, twm, olvwm), and X servers for most graphics cards Full TCP/IP connectivity for the Internet, corporate networks, and intranets Netscape Communicator, with Web-browsing, electronic-mail, collaborative, and newsgroup capabilities Complete ANSI C and C++ programming suites Various Unix shells — including the Bourne Again Shell (bash), tcsh, and more Tools for connecting your PC to the Internet and to online services with PPP, SLIP, CSLIP, UUCP, dip, mailx, and dialup serial programs Other Internet applications — including electronic mail (pine and elm), Web browsers (Arena and Lynx), Usenet newsreaders (cnews, nn, tin, trn, and inn) and FTP All major GNU commands and applications — including GNU Emacs 20.2 Multimedia tools for working with images files and MIME Internet servers — including the Apache HTTP Web server, sendmail, and an FTP server Terminal applications — including Midnight Commander and the sc spreadsheet A full set of programming tools — egcs-1.0.3 (gcc-2.8 based C/C++/f77/Objective-C compiler from egcs.cygnus.com), make (GNU and BSD), yacc and GNU bison, flex, 5.4.44 C libraries, gdb, SVGLib, ncurses, gcl (LISP), p2c, m4, perl, python, rcs Text-editing and text-formatting tools — including elvis, vm, jed, joe, jove, pico, gross TeX, info) as well as hundreds of fonts Full suite of X Window applications — including Ghostscript, xlock, libgr, seyon, workman, xfilemanager, xv 3.10a, GNU chess and xboard, xfm 1.3.2, ghostview, gnuplot, xpaint, xfrcint, and various X games. Support for iBCS, which allow binaries created on other x86 UNIX variants to run under Linux X Window programming and usage tools — X11 server linkkit, static libraries, PEX support, xview3.2p1-X11R6 (XView libraries), the Open Look virtual and nonvirtual window managers for XFree86 Various applications and add-ons — the manual pages, groff, ispell, joe, jed, jove, ghostscript, sc, bc, and the quota patches A collection of FAQs and other documentation Tcl, Tk, and TclX, built with ELF shared libraries and dynamic loading support, as well as the TkDesk file manager The BSD games collection — Koules, Lizards, and Sasteroids Shareware programs are fully functional, free trial versions of copyrighted programs. If you like particular programs, register with their authors for a nominal fee and receive licenses, enhanced versions, and technical support. Freeware programs are free, copyrighted games, applications, and utilities. You can copy them to as many PCs as you like—free—but they have no technical support.

A practical, fast-paced guide that gives you all the information you need to successfully create networks and simulate them using Packet Tracer. Packet Tracer Network Simulator is aimed at students, instructors, and network administrators who wish to use this simulator to learn how to perform networking instead of investing in expensive, specialized hardware. This book assumes that you have a good amount of Cisco networking knowledge, and it will focus more on Packet Tracer rather than networking.

Position yourself at the forefront of audio and broadcast studio technology by learning audio over IP. You will gain knowledge of IP network engineering as it applies to audio applications, and then progress to a full understanding of how equipment built on Ethernet and Internet Protocol are used in today's audio production and broadcast facilities for the transporting, mixing and processing of pro-quality audio. A chapter on integrating Voice-over IP telephony (VoIP) to pro-audio and broadcast facilities is also included. Using the popular Livewire technology, you will learn how to design, construct, configure and troubleshoot an AoIP system, including how to interface with PCs, VoIP telephone PBXs, IP codecs, and the Internet. See how AoIP systems work in practice, and discover their distinct advantages over older audio infrastructures. With its complete introduction to AoIP technology in a fun, highly readable style, this book is essential for audio professionals who want to broaden their knowledge of IP-based studio systems--or for IT experts who need to understand AoIP applications.

It has long been assumed that product innovations are usually developed by product manufacturers, but this book shows that innovation occurs in different places in different industries.

Crossbar switch fabrics offer many benefits when designing switch/routers. This book discusses switch/router architectures using design examples and case studies of well-known systems that employ crossbar switch fabric as their internal interconnects. This book looks to explain the design of switch/routers from a practicing engineer's perspective. It uses a broad range of design examples to illustrate switch/router designs and provides case studies to enhance readers comprehension of switch/router architectures. The book goes on to discuss industry best practices in switch/router design and explains the key features and differences between unicast and multicast packet forwarding architectures. This book will be of benefit to telecoms/networking industry professionals and engineers as well as researchers and academics looking for more practical and efficient approaches for designing non-blocking crossbar switch fabrics.

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

With in-depth complete coverage on the installation process, editing and typesetting, graphical user interfaces, programming, system administration, and managing Internet sites, this is the only book users new to Linux will need. The book guides users to a high-level of proficiency with all the flavors of Linux, and helps them with crucial system administration chores.

The rapid increase of cloud computing, high performance computing (HPC) and the vast growth in Internet and Social Media use have aroused the interest in energy consumption and the carbon footprint of Data Centres. Data Centres primarily contain electronic equipment used for data processing (servers), data storage (storage equipment), and communications (network equipment). Collectively, this equipment processes, stores, and transmits digital information and is known as information technology (IT) equipment. Advanced Concepts for Renewable Energy Supply of Data Centres introduces a number of technical solutions for the supply of power and cooling energy into Data Centres with enhanced utilisation of renewable energy sources in order to achieve low energy Data Centres. Because of the high energy density nature of these unique infrastructures, it is essential to implement energy efficiency measures and reduce consumption before introducing any renewable energy source. A holistic

approach is used with the objective of integrating many technical solutions such as management of the IT (Information Technology) load, efficient electrical supply to the IT systems, Low-Ex air-conditioning systems, interaction with district heating and cooling networks, re-use of heat, free cooling (air, seawater, groundwater), optimal use of heat and cold storage, electrical storage and integration in smart grids. This book is therefore a catalogue of advanced technical concepts that could be integrated into Data Centres portfolio in order to increase the overall efficiency and the share of renewable energies in power and cooling supply. Based on dynamic energy models implemented in TRNSYS some concepts are deeply evaluated through yearly simulations. The results of the simulation are illustrated with Sankey charts, where the energy flows per year within the subsystems of each concept for a selected scenario are shown, and graphs showing the results of parametric analysis. A set of environmental metrics (as the non-renewable primary energy) and financial metrics (CAPEX and OPEX) as well of energy efficiency metrics like the well-known PUE, are described and used to evaluate the different technical concepts. This book constitutes the thoroughly refereed post-workshop proceedings of the 17th International Workshop on Information Security Applications, WISA 2016, held on Jeju Island, Korea, in August 2016. The 31 revised full papers including two invited talks presented in this volume were carefully reviewed and selected from 61 submissions. The papers are organized in topical sections such as network security, threat analysis, application security, cryptographic. Protocols, cryptanalysis, cryptographic implementations, authentication using bio and ML, authentication, ICT Convergent security

The complete reference for the RPM software package that is the heart of the Red Hat Linux distribution. Designed for both the novice and advanced users, Maximum RPM enables anyone to take full advantage of the benefits of building software packages with the Red Hat Package management tools to ensure that they install simply and accurately each and every time.

Ethernet Networks, Fourth Edition, provides everything you need to know to plan, implement, manage and upgrade Ethernet networks. * Improve your skills in employing Ethernet hubs, switches, and routers. * Learn how to set up and operate a wireless Local Area Network (LAN). * Discover how to extend a wired Ethernet via wireless LANs. * Understand cabling standards and the role of NEXT (Near End Crosstalk), FEXT (Far End Crosstalk) and other transmission parameters. * Profit from Gilbert Held's tips and tricks on enhancing security ... and much more. This indispensable resource features up-to-date coverage of: * Wireless Ethernet (IEEE802.11 standards) * 10Gbps Ethernet * Firewalls in both a wired and wireless environment * The operation of new versions of Windows(r) on Ethernet LANs * The use of LAN switches at and above layer 2 in the ISO reference model * Copper and fiber optic cable to transport high speed Ethernet Network planners, administrators, and system engineers working with Ethernet networks will find Ethernet Networks, Fourth Edition, an invaluable tool for implementing, updating, and managing their networks.

This volume contains a selection of revised and extended research articles written by prominent researchers participating in The 26th World Congress on Engineering (WCE 2018) which was held in London, U.K., July 4-6, 2018. Topics covered include engineering mathematics, electrical engineering, communications systems, computer science, chemical engineering, systems engineering, manufacturing engineering, and industrial applications. With contributions carefully chosen to represent the most cutting-edge research presented during the conference, the book contains some of the state-of-the-art in engineering technologies and the physical sciences and their applications, and serves as a useful reference for researchers and graduate students working in these fields.

In the world of film and theatre, character transformation takes a lot of work, skill, and creativity. Dedicated solely to SFX, this book will show you tips and techniques from a seasoned SFX makeup artist with years of film, TV, and theatrical experience. Not only will this book take you through the many genres that need a special effects makeup artist, like horror, fantasy, and sci-fi, but it will also tell you about the tools you will need, how to maintain your toolkit, how to take care of the actor's skin, and how to airbrush properly when HD is involved. The author shows you how to sculpt and mold your own makeup prosthetics, focusing on how human anatomy relates to sculpture to create the most realistic effects. Case studies feature some of today's top makeup artists including Neill Gorton, Christopher Tucker, Miles Teves, Jordu Schell, Mark Alfrey, Matthew Mungle, Christien Tinsely, Vittorio Sodano, and Mark Gabarino. Put your new techniques into practice right away and see how some of the looks from the book were achieved with the step-by-step tutorials on the must-have DVD. * Written by a seasoned special effects make-up artist who has worked in both film and theatre * Gives you exclusive tips and techniques from some of the industry's most gifted artists * DVD tutorials show you step-by-step how to create the techniques from the book; also includes recipes to create makeup prosthetics, a list of suppliers, conversion charts, and bibliography

The all-in-one practical guide to supporting Cisco networks using freeware tools.

The title says it all. Concise, straight to the point guidance on developing a winning computer trading system. Copyright © Libri GmbH. All rights reserved.

Internet is based on TCP/IP. There are many terms like IP, DNS, VPN, etc., and the books explaining them are so detailed. This book introduces you to the World of TCP/IP. You will have a basic understanding of TCP/IP after reading this book. IP address types, DHCP, DNS, NAT, Proxy, VPN and IPv6 subjects are explained. And it is funny somewhat:)

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