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ICT Troubleshooting Skills For Home Office Troubleshooting and Maintaining Your PC All-in-One Desk Reference For Dummies Troubleshooting and Maintaining Your PC All-in-One For Dummies Pro SQL Server on Linux Practical Packet Analysis, 3E Troubleshooting and Maintaining Cisco IP Networks (TSHOOT) Foundation Learning Guide Linux is Badass Apple TV Portable Genius Troubleshooting Campus Networks Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Fifth Edition (Exams 220-901 & 220-902) The Complete Idiot's Guide to High Speed Internet Connections Configuring and Troubleshooting Windows XP Professional Windows Server 2022 & Powershell All-in-One For Dummies Mac OS X Lion Interview Questions You'll Most Likely Be Asked Human Interface and the Management of Information. Designing Information Internet of Things with Arduino Cookbook Windows 10 Troubleshooting Pc Troubleshooting Pocket Guide Data Communication and Networking: A Practical Approach Windows Server 2019 & PowerShell All-in-One For Dummies Maintaining Your Computer - A Step by Step Approach MCDST: Microsoft Certified Desktop Support Technician Study Guide A+ Guide to IT Technical Support (Hardware and Software) Maximum PC How to Accelerate Your Internet Linksys Networks PCs A+ Guide to Hardware Special Edition Using Microsoft Windows XP Home My iPad 2 Troubleshooting IP Routing Protocols Practical Packet Analysis, 2nd Edition Troubleshooting, Maintaining & Repairing Networks Reliability and Statistics in Transportation and Communication Newnes PC Troubleshooting Pocket Book A+ Guide to Managing & Maintaining Your PC Hybrid-Context Instructional Model Residential Wiring CCNP Routing and Switching Foundation Learning Guide Library Applications of CALL Theory in ESL and EFL Environments

Here's the book you need to prepare for Microsoft's new MCDST exams—70-271: Supporting Users and Troubleshooting a Microsoft XP Operating System; and 70-272: Supporting Users and Troubleshooting Desktop Applications on a Microsoft Windows XP Operating System. This two-in-one Study Guide was developed to meet the exacting requirements of today's certification candidates. In addition to the consistent and accessible instructional approach that earned Sybex the "Best Study Guide" designation in the 2003 CertCities Readers Choice Awards, this book provides: In-depth coverage of all exam topics Practical information on supporting users and troubleshooting applications Hundreds of challenging review questions Leading-edge exam preparation software, including a test engine and electronic flashcards Authoritative coverage of all exam objectives, including: Exam 70-271: Installing a Windows Desktop Operating System Managing and Troubleshooting Access to Resources Configuring and Troubleshooting Hardware Devices and Drivers Configuring and Troubleshooting the Desktop and User Environments Troubleshooting Network Protocols and Services Exam 70-272: Configuring and Troubleshooting Applications Resolving Issues Related to Usability Resolving Issues Related to Application Customization Configuring and Troubleshooting Connectivity for Applications Configuring Application Security Note:CD-ROM/DVD and other supplementary materials are not included as part of eBook file. Tired of slowpoke modem connections to the Internet? Baffled by the alphabet soup of TCP/IP, DSL, FAP, and other Internet jargon? Looking for the easy, authoritative, friendly way to choose a broadband Internet connection that won't take you to the cleaners?The Complete Idiot's Guide to High-Speed Internet Connections is exactly what you're looking for! You'll find complete, easy-to-understand coverage of leading broadband solutions such as DSL, cable modem, ISDN, fixed wireless broadband, and satellite-based services.Wondering which service is the best buy for you? Not sure if you can connect your favorite broadband service to your computer? Wondering if you can share your broadband connection with other users and still keep intruders out? Wondering how easy a self-installed broadband solution really is? Wonder no more! This book is the book you've been looking for! Diagnose and solve your PC problems with this easy-to-understand guide Written by veteran For Dummies author Dan Gookin, this straightforward guide shows you how to diagnose and solve the most common hardware and software problems your PC may encounter. In addition, he presents advice for preventing PC problems in the first place and clearly explains how to create a safe and secure PC environment. Walks you through ways to diagnose the most common PC hardware, software, and operating system problems Offers clear and easy-to-understand solutions for confidently handling these problems Shares valuable advice about maintaining your system to maximize its lifespan Reviews an array of useful tools Covers Windows Vista, Windows 7, and Internet Explorer 8 Troubleshooting & Maintaining Your PC All-in-One For Dummies, 2nd Edition helps you to confidently handle whatever PC problems you may encounter. Previous editions filed under Kathy Ivens. CCNP Routing and Switching Foundation Learning Library: ROUTE, 300-101, SWITCH 300-115, TSHOOT 300-135, contains three books that provide early and comprehensive foundation learning for the three new required exams for CCNP certification: Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide: (CCNP ROUTE 300-101) Implementing Cisco IP Switched Networks (SWITCH) Foundation Learning Guide: (CCNP SWITCH 300-115) Troubleshooting and Maintaining Cisco IP Networks (TSHOOT) Foundation Learning Guide: (CCNP TSHOOT 300-135) This package is a comprehensive self-study tool for learning the material covered in the three new CCNP exams. The books are intermediate-level texts that assume that readers have been exposed to beginner-level networking concepts contained in the CCNA (ICND1 and ICND2) certification curriculum. No previous exposure to the CCNP level subject matter is required, so the books provide a great deal of detail on the topics covered. Within the Authorized Self-Study Guide series, each chapter opens with a list of objectives to help focus the reader's study. Real-world case studies sprinkled throughout help illuminate theoretical concepts. Key terms will be highlighted and defined as they are first used. Each chapter will conclude with a summary to help review key concepts, as well as review questions to reinforce the reader's understanding of what was covered. This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ GUIDE TO HARDWARE, Ninth Edition, closely integrates the CompTIA A+ Exam objectives to prepare students for the 220-901 certification exams. The new Ninth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair and information technology. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage students to learn by doing. The new edition features more coverage of updated hardware, security, and increased emphasis on mobile devices. Supported by a wide range of supplemental resources to enhance learning with Lab Manuals, CourseNotes, online labs and the optional MindTap that includes labs, certification test prep and interactive exercises and activities, this proven text offers students an ideal way to prepare for success as a professional IT support technician. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. All network designers and administrators want their campus LANs to run efficiently. This book provides tips and techniques for using protocol analyzers and other tools to recognize problems for both Cisco and multiprotocol traffic patterns. * Focuses on troubleshooting problems that arise from the Cisco routers inter-operating with many other network protocols * Covers both legacy and cutting-edge technologies * Authors are respected in the field for their teaching and training development skills in network troubleshooting This revised edition explains how to diagnose basic faults and carry out simple PC repairs. It is aimed at those who are involved with installation, configuration, maintenance, upgrading, repair or support of PC systems and provides non-technical users with background information. Essential Skills for a Successful IT Career Written by the leading authority on CompTIA A+ certification and training, this four-color guide will help you become a certified IT professional with proven expertise in hardware and software, and help you pass CompTIA A+ exams 220-901 and 220-902. Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Fifth Edition offers complete coverage of the latest exam objectives. You'll get on-the-job tips, end-of-chapter review questions, and hundreds of color photographs and illustrations. Learn how to: Work with CPUs, RAM, microprocessors, BIOS, motherboards, power supplies, and other PC components Install, configure, and troubleshoot hard drives Manage peripheral devices and removable media Install, upgrade, and maintain operating systems, including Windows, Mac OS X, and Linux Troubleshoot common computer problems Establish users and groups Set up video and multimedia cards Administer smartphones, tablets, and other mobile devices Install and configure wired and wireless networks Connect to the Internet Secure your PC and your network Install, configure, and manage printers and multifunction devices Work with the latest virtualization technologies Understand safety and environmental issues Electronic content includes: Practice exams for 901 & 902 One hour+ of free video training from Mike Meyers TotalSim simulations of performance-based questions Mike's favorite free PC tools and utilities A complete PDF copy of the book Instructor resources available: Instructor's Manual Power Point slides for each chapter with photographs and illustrations from the book Test Bank cartridges with hundreds of questions for use as quizzes and exams Answers to the end of chapter sections are not included in the book and are only available to adopting instructors Your one-stop reference for Windows Server 2019 and PowerShell know-how Windows Server 2019 & PowerShell All-in-One For Dummies offers a single reference to help you build and expand your knowledge of all things Windows Server, including the all-important PowerShell framework. Written by an information security pro and professor who trains aspiring system administrators, this book covers the broad range of topics a system administrator needs to know to run Windows Server 2019, including how to install, configure, and secure a system. This book includes coverage of: Installing & Setting Up Windows Server Configuring Windows Server 2019 Administering Windows Server 2019 Configuring Networking Managing Security Working with Windows PowerShell Installing and Administering Hyper-V Installing, Configuring, and Using Containers If you're a budding or experienced system administrator looking to build or expand your knowledge of Windows Server, this book has you covered. Learn how to troubleshoot Windows 10 the way the experts do, whatever device or form-factor you're using. Focus on the problems that most commonly plague PC users and fix each one with a step-by-step approach that helps you understand the cause, the solution, and the tools required. Discover the connections between the different hardware and software in your devices, and how their bonds with external hardware, networks, and the Internet are more dependent than you think, and learn how to build resilience into any computer system, network, or device running Windows 10. If you're fed up of those nagging day-to-day issues, want to avoid costly repairs, or just want to learn more about how PCs work, Windows 10 Troubleshooting is your ideal one-stop guide to the Windows 10 operating system. What You Will Learn: Understand your PC's ecosystem and how to connect the dots, so you can successfully track problems to their source Create resilient backups of your operating system, files, and documents, and enable quick and easy restore Learn your way around Windows' built-in administration tools, to quickly fix the typical problems that come up Diagnose and repair a wide range of common problems with printers and other essential peripherals Solve complex startup problems that can prevent a PC from booting Make your PC safe and secure for the whole family, and for everybody in your workplace Understand the threat from malware and viruses and a range of approaches to dealing with them, depending on the situation Bomb-proof your PC with advanced security, group policy, and firewall policies Learn the top Tips and tricks for researching difficult problems, including third-party tools and useful web resources Work with the registry, file system, and Sysinternals to troubleshooting PCs in the workplace Who This Book Is For: Anyone using Windows 10 on a desktop, laptop, or hybrid device Mac OS X Lion Interview Questions You'll Most Likely Be Asked is a perfect companion to stand ahead above the rest in today's competitive job market. Get savvy advice and hip tips on using Apple TV The Portable Genius series is all about getting the most from your Apple-inspired digital lifestyle and the popular and inexpensive Apple TV is no exception. With this helpful guide, you'll find important basics on how to stream Internet content from Netflix, Hulu Plus, YouTube, and iTunes. In addition, you'll learn how Apple TV fully integrates with both iOS and OS X and acts as a media hub for viewing content from the iPad, iPhone, iPod, and Mac via an HDTV. Covering everything from simply connecting the device to a home entertainment system through setting up accounts and finding content, this handy resource is packed with tips and tricks that are all aimed at helping you get the most from your Apple TV. Offers little-

known tips and tricks for streaming movies from popular services to your Apple TV as well as using Apple TV as a media hub Features detailed guidance on wirelessly connecting to personal computers and tablets Highlights ways in which you can take full advantage of AirPlay and iCloud to stream and share content from your computer or iOS device Small and portable, Apple TV Portable Genius is packed with tips and techniques about the things you most want to know about your Apple TV. Learn how to perform routine maintenance on your personal computer while saving a good deal of money in the process. Blended learning has recently been gaining popularity within educational fields. Examining the impact that computer-assisted techniques have on foreign language education will provide more effective ways to enhance learning techniques for educators and students alike. Applications of CALL Theory in ESL and EFL Environments is a pivotal reference source that discusses recent advances relating to online teaching and learning of foreign languages. Highlighting relevant topics such as electronic portfolio assessments, corpus linguistics, flipped learning models, and student engagement, this scholarly resource is ideal for educators, academicians, students, and researchers that are interested in staying current on the latest technologies and methodologies in foreign language learning. Data Communication and Networking, First Edition provides a solid, thorough overview of data communications and networking for Engineering Technology programs. This text covers information for one or more courses spanning digital communication systems, computer communication and networks, and data communications. It is specifically written and designed for engineering and engineering technology learners by using a systematic and visual approach with abundant tables, illustrations, and practical examples making it easy for students to comprehend concepts. Content begins with data communication, signal conversion and issues in data transmission. Each chapter includes an introduction, summary of key information, as well as practice questions and problems with answers. The text also includes coverage of network and network standards, Ethernet, network components and Transmission Control and Internets Protocols (TCP/IP). The integration of applications and laboratory experiments are found throughout the text, making Data Communication and Networking, First Edition a one-of-a-kind and practical text. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. The iPad is a unique and totally revolutionary device in many ways. The iPad is a tablet computer featuring multi-touch interaction with print, video, photo, and audio multimedia, internet browsing, and runs most iPhone OS apps. The device has an LED-backlit 9.7-inch (25 cm) color LCD display and uses a virtual keyboard for text input. The iPad like the iPod uses a Multi-touch interface that enables users to easily control the device and type with their fingers. It also includes sensors that automatically re-orient the screen display to match the orientation of the iPad, such as switching to landscape view when the user rotates the iPad 90 degrees when watching video. All iPad models include the applications Music, iWork, Videos, Photos, iTunes, iBook (providing access to the Wi-Fi Music Store and book store), Safari, YouTube, Calendar, Contacts, Clock, Calculator, and Settings. My iPad, 3/e, will include necessary coverage of iTunes and iBook to enable readers to manage the content on their iPad as well as purchase applications and customizing settings. In addition, readers will learn how to use every feature of their iPad and receive expert advice on topics like customizing, running apps, using peripheral devices and more. This edition has been updated to include coverage on the main new features of iOS 5, including the revolutionary new iCloud, which allows users to update their iPads without having to sync up with their computer. This two-volume set LNCS 12184 and 12185 constitutes the refereed proceedings of the Thematic Area on Human Interface and the Management of Information, HIMI 2020, held as part of HCI International 2020 in Copenhagen, Denmark. * HCII 2020 received a total of 6326 submissions, of which 1439 papers and 238 posters were accepted for publication after a careful reviewing process. The 72 papers presented in the two volumes were organized in the following topical sections: Part I: information presentation and visualization; service design and management; and information in VR and AR. Part II: recommender and decision support systems; information, communication, relationality and learning; supporting work, collaboration and creativity; and information in intelligent systems and environments. *The conference was held virtually due to the COVID-19 pandemic. We all know that Linux is badass. Now there's a book to prove it. Sure to convert even the most die-hard Windows or Mac OS users, "Linux is Badass" takes you on a magical journey filled with adventure, Linux, bad poetry and swear words. The comprehensive, hands-on guide for resolving IP routing problems Understand and overcome common routing problems associated with BGP, IGRP, EIGRP, OSPF, IS-IS, multicasting, and RIP, such as route installation, route advertisement, route redistribution, route summarization, route flap, and neighbor relationships Solve complex IP routing problems through methodical, easy-to-follow flowcharts and step-by-step scenario instructions for troubleshooting Obtain essential troubleshooting skills from detailed case studies by experienced Cisco TAC team members Examine numerous protocol-specific debugging tricks that speed up problem resolution Gain valuable insight into the minds of CCIE engineers as you prepare for the challenging CCIE exams As the Internet continues to grow exponentially, the need for network engineers to build, maintain, and troubleshoot the growing number of component networks has also increased significantly. IP routing is at the core of Internet technology and expedient troubleshooting of IP routing failures is key to reducing network downtime and crucial for sustaining mission-critical applications carried over the Internet. Though troubleshooting skills are in great demand, few networking professionals possess the knowledge to identify and rectify networking problems quickly and efficiently. Troubleshooting IP Routing Protocols provides working solutions necessary for networking engineers who are pressured to acquire expert-level skills at a moment's notice. This book also serves as an additional study aid for CCIE candidates. Authored by Cisco Systems engineers in the Cisco Technical Assistance Center (TAC) and the Internet Support Engineering Team who troubleshoot IP routing protocols on a daily basis, Troubleshooting IP Routing Protocols goes through a step-by-step process to solving real-world problems. Based on the authors' combined years of experience, this complete reference alternates between chapters that cover the key aspects of a given routing protocol and chapters that concentrate on the troubleshooting steps an engineer would take to resolve the most common routing problems related to a variety of routing protocols. The book provides extensive, practical coverage of BGP, IGRP, EIGRP, OSPF, IS-IS, multicasting, and RIP as run on Cisco IOS Software network devices. Troubleshooting IP Routing Protocols offers you a full understanding of invaluable troubleshooting techniques that help keep your network operating at peak performance. Whether you are looking to hone your support skills or to prepare for the challenging CCIE exams, this essential reference shows you how to isolate and resolve common network failures and to sustain optimal network operation. This book is part of the Cisco CCIE Professional Development Series, which offers expert-level instruction on network design, deployment, and support methodologies to help networking professionals manage complex networks and prepare for CCIE exams. This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ GUIDE TO MANAGING AND MAINTAINING YOUR PC closely integrates the CompTIA A+ Exam objectives to prepare you for the 220-801 and 220-802 certification exams. The new Eighth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage you to learn by doing. Supported by a wide range of supplemental resources to enhance learning—including innovative tools, interactive exercises and activities, and online study guides—this proven text offers an ideal way to prepare you for success as a professional PC repair technician. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. All the essentials for administering Windows Server 2022 in one book Looking for a little help installing, configuring, securing, or running a network running Windows Server 2022? Windows Server 2022 & PowerShell All-in-One For Dummies delivers a thorough guide to network administration in a single, convenient book. Whether you need to start from scratch and install a new server or want to jump right into a more advanced topic like managing security or working in Windows PowerShell you'll find what you need right here. In this 8-books-in-1 compilation, you'll: Learn what you need to install and set up a brand-new Windows server installation Configure your Windows Server and customize its settings based on your needs and preferences Discover how to install, configure, and work with Containers The perfect book for server and system admins looking for a quick reference on Windows Server operation, this book is also a great resource for networking newcomers learning their way around the server software they'll encounter daily. This book is a product of a dissertation project that was completed in December 2006. This project investigated teachers' experiences in relation to teaching and learning using the hybrid-context instructional model. The dissertation itself has been noted as one of the best in providing practical tips for teachers in this area. The study methodology is included as appendix B. To answer the questions raised during the interviews, the findings of the study have been supplemented and supported with extensive literature review of empirical studies to provide theoretical and practical solutions. The literature review draws from total Internet, blended, and hybrid instruction studies. The literature on the total Internet instruction has relevance in that the Internet piece of the hybrid-context course shares the same course management systems and requires the same approaches and principles as do total Internet instruction. The book discusses the conceptual and descriptive presentations of the hybrid-context model, media, applicable teaching philosophies; strategies best accomplished in each medium; various ways of linking the face-to-face and the Internet activities; the why and how the study participants transitioned into teaching hybrid-context courses, teachers' expectations, etc. The discussion on 'labor of love' is the core of this book as the discussion has captured the surprises the study participants met in a way that is not reflected in the current literature. Built into this discussion are the amounts of things teachers had to learn in order to function well as hybrid-context model teachers. The contents of this book will aide teachers who teach in any way using the Internet. Therefore, any establishment/individual using the Internet for teaching and learning will benefit from the contents of this book. Also, the administrators will find this book a selling point to encourage more participation in the adoption of the hybrid-context instructional model as well as realizing what the teachers would need to successfully implement this phenomenon. Provides information on using a PC, covering such topics as hardware, networking, burning CDs and DVDs, using the Internet, and upgrading and replacing parts. ICT Troubleshooting Skills For Home Office takes you step by step through the typical hardware and operating system problems encountered by technicians, teaching troubleshooting techniques to decipher any problem, and giving you the skills you need to solve them. In October of 2001, Microsoft will begin its most expensive market launch ever for Windows XP With the promise of a market launch twice the size of the one for Windows 95, Microsoft will undoubtedly drive enormous demand for its Windows XP desktop operating system. Many corporate and small business users have waited to upgrade from Windows 9x, and they now see WinXP as the stable, second generation of Windows 2000 Professional. Syngress's Windows 2000 books were the first out on the market when W2K was released and quickly became bestsellers. Configuring and Troubleshooting Windows XP Professional aims to be the the first book available on this new product. Designed to compete directly with books such as Mastering Windows 2000 Professional, by Mark Minasi, Configuring and Troubleshooting Windows XP Professional is comprehensive guide for system administrators and network engineers responsible for deploying Windows XP Professional across the network. The first Windows XP Professional book on the market Not 'for Dummies' - this is an essential reference guide for certified Windows 2000 administrators and engineers Edited by Tom Shinder, the best-selling author of Configuring ISA Server 2000 Unrivalled web support at www.solutions@syngress.com Provides information on ways to use Wireshark to capture and analyze packets, covering such topics as building customized capture and display filters, graphing traffic patterns, and building statistics and reports. This book reports on cutting-edge theories and methods for analyzing complex systems, such as transportation and communication networks and discusses multi-disciplinary approaches to dependability problems encountered when dealing with complex systems in practice. The book presents the most noteworthy methods and results discussed at the International Conference on Reliability and Statistics in Transportation and Communication (RelStat), which took place remotely from Riga, Latvia, on October 14 – 17, 2020. It spans a broad spectrum of topics, from mathematical models and design methodologies, to software engineering, data security and financial issues, as well as practical problems in technical systems, such as transportation and telecommunications, and in engineering education. It's easy to capture packets with Wireshark, the world's most popular network sniffer, whether off the wire or from the air. But how do you use those packets to understand what's happening on your network? Updated to cover Wireshark 2.x, the third edition of Practical Packet Analysis will teach you to make sense of your packet captures so that you can better troubleshoot network problems. You'll find added coverage of IPv6 and SMTP, a new chapter on the powerful command line packet analyzers tcpdump and TShark, and an appendix on how to read and reference packet values using a packet map. Practical Packet Analysis will show you how to: –Monitor your network in real time and tap live network communications –Build customized capture and display filters –Use packet analysis to

troubleshoot and resolve common network problems, like loss of connectivity, DNS issues, and slow speeds –Explore modern exploits and malware at the packet level –Extract files sent across a network from packet captures –Graph traffic patterns to visualize the data flowing across your network –Use advanced Wireshark features to understand confusing captures –Build statistics and reports to help you better explain technical network information to non-techies No matter what your level of experience is, Practical Packet Analysis will show you how to use Wireshark to make sense of any network and get things done. Troubleshooting and Maintaining Cisco IP Networks (TSHOOT) Foundation Learning Guide Troubleshooting and Maintaining Cisco IP Networks (TSHOOT) Foundation Learning Guide is your Cisco authorized learning tool for CCNP TSHOOT 300-135 exam preparation. Part of the Cisco Press Foundation Learning Guide series, it teaches you how to maintain and monitor even the most complex enterprise networks. You'll compare and master today's leading approaches to troubleshooting, including an efficient structured process for maximizing network uptime in the context of your own organization's policies and procedures. Coverage includes gathering information, capturing traffic, using event notifications, working with maintenance and trouble-shooting tools, and more. Throughout, each chapter opens with a list of topics that clearly identify its focus. Each chapter ends with a summary of key concepts for quick study, as well as review questions to assess and reinforce your understanding. To deepen your hands-on expertise and strengthen your exam readiness, this guide also presents five full chapters of real-world troubleshooting case studies. This guide is ideal for all certification candidates who want to master all the topics covered on the TSHOOT 300-135 exam. --The official textbook for the Cisco Networking Academy CCNP TSHOOT 300-135 course --Thoroughly introduces proven troubleshooting principles and common troubleshooting approaches --Defines structured troubleshooting and reviews its subprocesses --Shows how to integrate troubleshooting into day-to-day network maintenance processes --Covers information gathering on Layer 2 switching and Layer 3 routing with IOS show and debug commands, ping, and telnet --Introduces specialized tools for capturing traffic, gathering information (SNMP and NetFlow), and receiving network event notifications (EEM) --Uses extensive troubleshooting examples and diagrams to support explanations and strengthen your understanding --Presents self-assessment review questions, chapter objectives, and summaries to facilitate effective studying Over 60 recipes will help you build smart IoT solutions and surprise yourself with captivating IoT projects you thought only existed in Bond movies About This Book This book offers key solutions and advice to address the hiccups faced when working on Arduino-based IoT projects in the real world Take your existing skills and capabilities to the next level by building challenging IoT applications with ease. Be the tech disruptor you always wanted to be with key recipes that help you solve Arduino IoT related problems smarter and faster. Put IoT to work through recipes on building Arduino-based devices that take control of your home, health, and life! Who This Book Is For This book is primarily for tech enthusiasts and early IoT adopters who would like to make the most of IoT and address the challenges encountered while developing IoT-based applications with Arduino. This book is also good for developers with basic electronics knowledge who need help to successfully build Arduino projects. What You Will Learn Monitor several Arduino boards simultaneously Tweet sensor data directly from your Arduino board Post updates on your Facebook wall directly from your Arduino board Create an automated access control with a fingerprint sensor Control your entire home from a single dashboard Make a GPS tracker that you can track in Google Maps Build a live camera that streams directly from your robot In Detail Arduino is a powerful and very versatile platform used by millions of people around the world to create DIY electronics projects. It can be connected to a wide variety of sensors and other components, making it the ideal platform to build amazing Internet of Things (IoT) projects on—the next wave in the era of computing. This book takes a recipe-based approach, giving you precise examples on how to build IoT projects of all types using the Arduino platform. You will come across projects from several fields, including the popular robotics and home automation domains. Along with being introduced to several forms of interactions within IoT, including projects that directly interact with well-known web services such as Twitter, Facebook, and Dropbox we will also focus on Machine-to-Machine (M2M) interactions, where Arduino projects interact without any human intervention. You will learn to build a few quick and easy-to-make fun projects that will really expand your horizons in the world of IoT and Arduino. Each chapter ends with a troubleshooting recipe that will help you overcome any problems faced while building these projects. By the end of this book, you will not only know how to build these projects, but also have the skills necessary to build your own IoT projects in the future. Style and approach This book takes a recipe-based approach, giving you precise examples on how to build IoT projects using the Arduino platform. You will learn to build fun and easy projects through a task-oriented approach. From the #1 author in PC hardware Stephen Bigelow comes the most detailed and comprehensive networking reference available. Covering all networking essentials, architecture, protocols, cabling, firewalls, and much more -- this is a must-have for every networking professional. This compact volume provides essential diagnostic and troubleshooting information in a portable size, 4 by 7 inches. The PC Troubleshooting Pocket Guide will help individuals diagnose computer problems with ease and speed. Updated to include information on Windows XP, Windows 2000, and Linux, this is an essential tool for anyone who needs to find PC information quickly and efficiently. Maximum PC is the magazine that every computer fanatic, PC gamer or content creator must read. Each and every issue is packed with punishing product reviews, insightful and innovative how-to stories and the illuminating technical articles that enthusiasts crave. This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ Guide to IT Technical Support, 9th Edition closely integrates the CompTIA+ Exam objectives to prepare you for the 220-901 and 220-902 certification exams. The new Ninth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair and information technology. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage you to learn by doing. The new edition features more coverage of updated hardware, security, virtualization, new coverage of cloud computing, Linux and Mac OS, and increased emphasis on mobile devices. Supported by a wide range of supplemental resources to enhance learning with Lab Manuals, CourseNotes online labs and the optional MindTap that includes online labs, certification test prep and interactive exercises and activities, this proven text offers students an ideal way to prepare for success as a professional IT support technician and administrator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Maintaining a PC is important, and troubleshooting a PC can be a challenge. Dan Gookin is great at explaining how to handle common PC problems, and he's provided a complete, plain-English manual in Troubleshooting & Maintaining Your PC All-in-One For Dummies. Liberally laced with Dan's famous humor and clear instructions, Troubleshooting & Maintaining Your PC All-in-One For Dummies is divided into six minibooks covering hardware, software, laptops, Internet, networking, and maintenance. Each one gives you some background on what causes common problems, to help you understand what's wrong as well as how to fix it. You'll learn to: Troubleshoot both Windows XP and Vista Solve e-mail and Web woes, makes friends with ActiveX, and protect your system from evil software and viruses Resolve router problems, reset the modem, delve into IP addresses, and find the elusive wireless network Investigate startup issues, battery quirks, and power problems Travel safely and efficiently with your laptop Perform regular maintenance and keep good backups Solve problems with disks and printers Find missing files, successfully restore files if something major goes wrong, and pep up your PC The bonus DVD walks you through some of the complex steps discussed in the book and demonstrates tasks like removing a hard drive. There's a great collection of free and demo software, too. Troubleshooting & Maintaining Your PC All-in-One For Dummies is tech support in a book! Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. H. Brooke Stauffer and the NFPA have updated this best-selling primer for designing and installing residential wiring according to the 2008 National Electrical Code. NFPA's Residential Wiring, Third Edition outlines the steps and precautions needed to install power wiring, residential smoke detectors, and systems covered in Article 800 of the NEC, such as telephone, cable TV, and broadband. With easy-to-read text and detailed illustrations, this text addresses specific challenges room by room, including AFCI protection for bedrooms, small appliance branch circuits for kitchens and dining rooms, GFCI protection for bathrooms and outdoor areas, finished and unfinished basements, HVAC equipment including water heaters, laundry rooms, general living areas and pools. Get SQL Server up and running on the Linux operating system and containers. No database professional managing or developing SQL Server on Linux will want to be without this deep and authoritative guide by one of the most respected experts on SQL Server in the industry. Get an inside look at how SQL Server for Linux works through the eyes of an engineer on the team that made it possible. Microsoft SQL Server is one of the leading database platforms in the industry, and SQL Server 2017 offers developers and administrators the ability to run a database management system on Linux, offering proven support for enterprise-level features and without onerous licensing terms. Organizations invested in Microsoft and open source technologies are now able to run a unified database platform across all their operating system investments. Organizations are further able to take full advantage of containerization through popular platforms such as Docker and Kubernetes. Pro SQL Server on Linux walks you through installing and configuring SQL Server on the Linux platform. The author is one of the principal architects of SQL Server for Linux, and brings a corresponding depth of knowledge that no database professional or developer on Linux will want to be without. Throughout this book are internals of how SQL Server on Linux works including an in depth look at the innovative architecture. The book covers day-to-day management and troubleshooting, including diagnostics and monitoring, the use of containers to manage deployments, and the use of self-tuning and the in-memory capabilities. Also covered are performance capabilities, high availability, and disaster recovery along with security and encryption. The book covers the product-specific knowledge to bring SQL Server and its powerful features to life on the Linux platform, including coverage of containerization through Docker and Kubernetes. What You'll Learn Learn about the history and internal of the unique SQL Server on Linux architecture. Install and configure Microsoft's flagship database product on the Linux platform Manage your deployments using container technology through Docker and Kubernetes Know the basics of building databases, the T-SQL language, and developing applications against SQL Server on Linux Use tools and features to diagnose, manage, and monitor SQL Server on Linux Scale your application by learning the performance capabilities of SQL Server Deliver high availability and disaster recovery to ensure business continuity Secure your database from attack, and protect sensitive data through encryption Take advantage of powerful features such as Failover Clusters, Availability Groups, In-Memory Support, and SQL Server's Self-Tuning Engine Learn how to migrate your database from older releases of SQL Server and other database platforms such as Oracle and PostgreSQL Build and maintain schemas, and perform management tasks from both GUI and command line Who This Book Is For Developers and IT professionals who are new to SQL Server and wish to configure it on the Linux operating system. This book is also useful to those familiar with SQL Server on Windows who want to learn the unique aspects of managing SQL Server on the Linux platform and Docker containers. Readers should have a grasp of relational database concepts and be comfortable with the SQL language. If you want to go beyond the basics of learning the Windows XP operating system, this is the book for you. "Special Edition Using Microsoft Windows XP Home, 3rd Edition" has been updated to include Service Pack 2 features and coverage of Windows XP Media Center. Windows XP Home touches everything you do with your computer, so this book is full of hands-on, roll-up-your-sleeves advice that will help you learn to choose, install and configure network hardware and software for Windows XP. Topics include: Get Your Hardware and Software Ready for Windows XP Using the Simple Supplied Application Internet and TCP/IP Connection Options Chatting and Conferencing with Windows Messenger Creating a Windows XP Home Network Network Security Troubleshooting and Repairing Windows XP and More! Expert authors Robert Cowart and Brian Knittel will help guide you through Windows XP so that you'll never need another Windows XP book again!