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UPGRADING AND REPAIRING PCS

Que Pub **Explains how to maintain or enhance systems running the Linux operating system**

PC HACKS

100 INDUSTRIAL-STRENGTH TIPS & TOOLS

"O'Reilly Media, Inc." **Presents information on getting the most out of a PC's hardware and software, covering such topics as upgrading the BIOS, configuring the hard drive, installing more RAM, improving CPU performance, and adding COM ports.**

COMPLETE A+ GUIDE TO IT HARDWARE AND SOFTWARE

AA COMPTIA A+ CORE 1 (220-1001) & COMPTIA A+ CORE 2 (220-1002) TEXTBOOK

Pearson IT Certification **Master IT hardware and software installation, configuration, repair, maintenance, and troubleshooting and fully prepare for the CompTIA® A+ Core 1 (220-1001) and Core 2 (220-1002) exams. This is your all-in-one, real-world, full-color guide to connecting, managing, and troubleshooting modern devices and systems in authentic IT scenarios. Its thorough instruction built on the CompTIA A+ Core 1 (220-1001) and Core 2 (220-1002) exam objectives includes coverage of Windows 10, Mac, Linux, Chrome OS, Android, iOS, cloud-based software, mobile and IoT devices, security, Active Directory, scripting, and other modern techniques and best practices for IT management. Award-winning instructor Cheryl Schmidt also addresses widely-used legacy technologies—making this the definitive resource for mastering the tools and technologies you'll encounter in real IT and business environments. Schmidt's emphasis on both technical and soft skills will help you rapidly become a well-qualified, professional, and customer-friendly technician. LEARN MORE QUICKLY AND THOROUGHLY WITH THESE STUDY AND REVIEW TOOLS: Learning Objectives and chapter opening lists of CompTIA A+ Certification Exam Objectives make sure you know exactly what you'll be learning, and you cover all you need to know Hundreds of photos, figures, and tables present information in a visually compelling full-color design Practical Tech Tips provide real-world IT tech support knowledge Soft Skills best-practice advice and team-building activities in every chapter cover key tools and skills for becoming a professional, customer-friendly technician Review Questions—including true/false, multiple choice, matching, fill-in-the-blank, and open-ended questions—carefully assess your knowledge of each learning objective Thought-provoking activities help students apply and reinforce chapter content, and allow instructors to “flip” the classroom if they choose Key Terms identify exam words and phrases associated with each topic Detailed Glossary clearly defines every key term Dozens of Critical Thinking Activities take you beyond the facts to deeper understanding Chapter Summaries recap key concepts for more efficient studying Certification Exam Tips provide insight into the certification exam and preparation process**

PC HARDWARE: A BEGINNER'S GUIDE

McGraw Hill Professional **Ideal for PC owners looking for an accessible, easy-to-follow reference, this beginner's guide to PC hardware offers expert advice on every component--**

processors, motherboards, memory, BIOS, CD-ROM and DVD drives, video cards, and much more. You'll also get details on external devices, including monitors, printers, keyboards, and modems. The book covers both Intel and non-Intel CPUs and USB and AGP ports.

EXAM 98-349 WINDOWS OPERATING SYSTEM FUNDAMENTALS 2E

John Wiley & Sons The Microsoft Official Academic Course (MOAC) textbook for MTA Windows Operating System Fundamentals Exam 98-349 2nd Edition is focused primarily on operating configurations and maintenance in Windows. MOAC offers an official MLO lab environment and Lab Manual to further aid in your study for this exam. Successful skills mastery of Exam 98-349 can help students with securing a career within an IT enterprise and help them to differentiate job hunters in today's competitive job market. This exam will cover considerations into the following: * Understanding Operating System Configurations. * Installing and Upgrading Client Systems. * Managing Applications. * Managing Files and Folders. * Managing Devices. * Understanding Operating System Maintenance. The MOAC IT Professional series is the Official from Microsoft, turn-key Workforce training program that leads to professional certification and was authored for college instructors and college students. MOAC gets instructors ready to teach and students ready for work by delivering essential resources in 5 key areas: Instructor readiness, student software, student assessment, instruction resources, and learning validation. With the Microsoft Official Academic course program, you are getting instructional support from Microsoft; materials that are accurate and make course delivery easy.

POPULAR MECHANICS

Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it's practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.

UPGRADING AND REPAIRING LAPTOPS

Que Publishing Provides information on how to upgrade, maintain, and troubleshoot the hardware of laptop computers, discussing the differences among them as well as their various configuration options.

POPULAR SCIENCE

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

IBM PC ADVANCED TROUBLESHOOTING & REPAIR

Sams System overview. Detailed system operation. Troubleshooting techniques. Preliminary service checks. Detailed circuit troubleshooting/analysis. Appendix: Data sheet. Chip listings. Line definitions. Disassembly procedures. Reassembly procedutes. Replacing surface mounted components. ASCII Code chart. Hexadecimal to decimal conversion chart. Routine preventive maintenance.

MICROSOFT MANUAL OF STYLE

Pearson Education Maximize the impact and precision of your message! Now in its fourth edition, the Microsoft Manual of Style provides essential guidance to content creators, journalists, technical writers, editors, and everyone else who writes about computer technology. Direct from the Editorial Style Board at Microsoft—you get a comprehensive glossary of both general technology terms and those specific to Microsoft; clear, concise usage and style guidelines with helpful examples and alternatives; guidance on grammar, tone, and voice; and best practices for writing content for the web, optimizing for accessibility, and communicating to a worldwide audience. Fully updated and optimized for ease of use, the Microsoft Manual of Style is designed to help you communicate clearly, consistently, and accurately about technical topics—across a range of audiences and media.

COMPUTER ORGANIZATION AND DESIGN RISC-V EDITION

THE HARDWARE SOFTWARE INTERFACE

[Morgan Kaufmann](#) The new RISC-V Edition of Computer Organization and Design features the RISC-V open source instruction set architecture, the first open source architecture designed to be used in modern computing environments such as cloud computing, mobile devices, and other embedded systems. With the post-PC era now upon us, Computer Organization and Design moves forward to explore this generational change with examples, exercises, and material highlighting the emergence of mobile computing and the Cloud. Updated content featuring tablet computers, Cloud infrastructure, and the x86 (cloud computing) and ARM (mobile computing devices) architectures is included. An online companion Web site provides advanced content for further study, appendices, glossary, references, and recommended reading. Features RISC-V, the first such architecture designed to be used in modern computing environments, such as cloud computing, mobile devices, and other embedded systems Includes relevant examples, exercises, and material highlighting the emergence of mobile computing and the cloud

COMPUTER LITERACY BASICS

[Cengage Learning](#) Bring your computer literacy course back to the BASICS. COMPUTER LITERACY BASICS: A COMPREHENSIVE GUIDE TO IC3 provides an introduction to computer concepts and skills, which maps to the newest Computing Core Certification (IC3) standards. Designed with new learners in mind, this text covers Computing Fundamentals, Key Applications, and Living Online everything your students need to be prepared to pass the IC3 exam, and finish the course as confident computer users. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

BEYOND BIOS

DEVELOPING WITH THE UNIFIED EXTENSIBLE FIRMWARE INTERFACE, THIRD EDITION

[Walter de Gruyter GmbH & Co KG](#) This book provides an overview of modern boot firmware, including the Unified Extensible Firmware Interface (UEFI) and its associated EFI Developer Kit II (EDKII) firmware. The authors have each made significant contributions to developments in these areas. The reader will learn to use the latest developments in UEFI on modern hardware, including open source firmware and open hardware designs. The book begins with an exploration of interfaces exposed to higher-level software and operating systems, and commences to the left of the boot timeline, describing the flow of typical systems, beginning with the machine restart event. Software engineers working with UEFI will benefit greatly from this book, while specific sections of the book address topics relevant for a general audience: system architects, pre-operating-system application developers, operating system vendors (loader, kernel), independent hardware vendors (such as for plug-in adapters), and developers of end-user applications. As a secondary audience, project technical leaders or managers may be interested in this book to get a feel for what their engineers are doing. The reader will find: An overview of UEFI and underlying Platform Initialization (PI) specifications How to create UEFI applications and drivers Workflow to design the firmware solution for a modern platform Advanced usages of UEFI firmware for security and manageability

EXAM 98-349 MTA WINDOWS OPERATING SYSTEM FUNDAMENTALS

[John Wiley & Sons](#) The Microsoft Technology Associate certification (MTA) curriculum helps instructors teach and validate fundamental technology concepts with a foundation for students' careers as well as the confidence they need to succeed in advanced studies. Through the use of MOAC MTA titles you can help ensure your students future success in and out of the classroom. This MTA text covers the following Windows Operating System vital fundamental skills: • Understanding Operating System Configurations • Installing and Upgrading Client Systems • Managing Applications, Managing Files and Folders • Managing Devices • Understanding Operating System Maintenance. Click here to learn more about Microsoft Technology Associate, (MTA) a new and innovative certification track designed to provide a pathway for future success in technology courses and careers.

PCS

THE MISSING MANUAL

["O'Reilly Media, Inc."](#) Provides information on using a PC, covering such topics as hardware, networking, burning CDs and DVDs, using the Internet, and upgrading and replacing parts.

COMPUTER ORGANIZATION & ARCHITECTURE 7E

Pearson Education India

PROMETHEUS: UP & RUNNING

INFRASTRUCTURE AND APPLICATION PERFORMANCE MONITORING

"O'Reilly Media, Inc." Get up to speed with Prometheus, the metrics-based monitoring system used by tens of thousands of organizations in production. This practical guide provides application developers, sysadmins, and DevOps practitioners with a hands-on introduction to the most important aspects of Prometheus, including dashboarding and alerting, direct code instrumentation, and metric collection from third-party systems with exporters. This open source system has gained popularity over the past few years for good reason. With its simple yet powerful data model and query language, Prometheus does one thing, and it does it well. Author and Prometheus developer Brian Brazil guides you through Prometheus setup, the Node exporter, and the Alertmanager, then demonstrates how to use them for application and infrastructure monitoring. Know where and how much to apply instrumentation to your application code Identify metrics with labels using unique key-value pairs Get an introduction to Grafana, a popular tool for building dashboards Learn how to use the Node Exporter to monitor your infrastructure Use service discovery to provide different views of your machines and services Use Prometheus with Kubernetes and examine exporters you can use with containers Convert data from other monitoring systems into the Prometheus format

COMPUTER STRUCTURE AND LOGIC

Pearson Education Computer Structure and Logic Pearson Certification Team The place to start your computer career! Learn about computers and networks from the ground up! Learn about computers and networks from the ground up! Your first step toward certifications from CompTIA, Microsoft, or Cisco... absolutely no experience necessary! Explains every part of your computer and shows how each part works together Teaches simple troubleshooting and repair techniques Packed with real-world examples and case studies Master the basics and build your strong foundation for success! I/O: How information gets into and out of computers Motherboards and buses: How your computer's parts are connected CPU: How your computer's "brain" works—and how to install and troubleshoot it Memory and storage: The types you need and how to install them Bootup: How your computer starts, what can go wrong, and how to fix it Operating systems: The basics of Windows, Mac OS X, and Linux Basic security: Protecting your data, connections, and computer Troubleshooting: The tools and methods every good PC technician must know Networks and the Internet: How they work, how they communicate, and how to connect to them Test your knowledge, gain confidence, and succeed! More than 150 questions, with clear explanations of every answer!

TRANSACTION COST MANAGEMENT

STRATEGIES AND PRACTICES FOR A GLOBAL OPEN ECONOMY

Springer All organizations, institutions, business processes, markets and strategies have one aim in common: the reduction of transaction costs. This aim is pursued relentlessly in practice, and has been perceived to bring about drastic changes, especially in the recent global market and the cyber economy. This book analyzes and describes "transactions" as a model, on the basis of which organizations, institutions and business processes can be appropriately shaped. It tracks transaction costs to enable a scientific approach instead of a widely used "state-of-the-art" approach, working to bridge the gap between theory and practice. This open access book analyzes and describes "transactions" as a model...

ROOTKITS AND BOOTKITS

REVERSING MODERN MALWARE AND NEXT GENERATION THREATS

No Starch Press Rootkits and Bootkits will teach you how to understand and counter sophisticated, advanced threats buried deep in a machine's boot process or UEFI firmware. With the aid of numerous case studies and professional research from three of the world's leading security experts, you'll trace malware development over time from rootkits like TDL3 to present-day UEFI implants and examine how they infect a system, persist through reboot, and evade security software. As you inspect and dissect real malware, you'll learn: • How Windows boots—including 32-bit, 64-bit, and UEFI mode—and where to find vulnerabilities • The details of boot process security mechanisms like Secure Boot, including an overview

of Virtual Secure Mode (VSM) and Device Guard • Reverse engineering and forensic techniques for analyzing real malware, including bootkits like Rovnix/Carberp, Gapz, TDL4, and the infamous rootkits TDL3 and Festi • How to perform static and dynamic analysis using emulation and tools like Bochs and IDA Pro • How to better understand the delivery stage of threats against BIOS and UEFI firmware in order to create detection capabilities • How to use virtualization tools like VMware Workstation to reverse engineer bootkits and the Intel Chipsec tool to dig into forensic analysis Cybercrime syndicates and malicious actors will continue to write ever more persistent and covert attacks, but the game is not lost. Explore the cutting edge of malware analysis with Rootkits and Bootkits. Covers boot processes for Windows 32-bit and 64-bit operating systems.

EXAM REF 70-698 INSTALLING AND CONFIGURING WINDOWS 10

Microsoft Press Prepare for Microsoft Exam 70-698-and help demonstrate your real-world mastery of Windows 10 installation and configuration. Designed for experienced IT pros ready to advance their status, this Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSA level. Focus on the skills measured on the exam: • Prepare for and perform Windows 10 installation • Configure devices and device drivers • Perform post-installation configuration • Implement Windows in the enterprise • Configure and support networking, storage, data access, and usage • Implement apps • Configure remote management • Configure updates, recovery, authorization, authentication, and management tools • Monitor Windows This Microsoft Exam Ref: • Organizes its coverage by the “Skills measured” posted on the exam webpage • Features strategic, what-if scenarios to challenge you • Provides exam preparation tips written by top trainers • Points to in-depth material by topic for exam candidates needing additional review • Assumes you are an IT pro looking to validate your skills in and knowledge of installing and configuring Windows 10

APPLE CONFIDENTIAL 2.0

THE DEFINITIVE HISTORY OF THE WORLD'S MOST COLORFUL COMPANY

No Starch Press Chronicles the best and the worst of Apple Computer's remarkable story.

THE ESSENTIALS OF COMPUTER ORGANIZATION AND ARCHITECTURE

Jones & Bartlett Learning Updated and revised, The Essentials of Computer Organization and Architecture, Third Edition is a comprehensive resource that addresses all of the necessary organization and architecture topics, yet is appropriate for the one-term course.

COMPUTER ORGANIZATION AND DESIGN

THE HARDWARE/SOFTWARE INTERFACE

Elsevier "Presents the fundamentals of hardware technologies, assembly language, computer arithmetic, pipelining, memory hierarchies and I/O"--

STRUCTURED COMPUTER ORGANIZATION

CLOUD COMPUTING

THEORY AND PRACTICE

Newnes Cloud Computing: Theory and Practice provides students and IT professionals with an in-depth analysis of the cloud from the ground up. Beginning with a discussion of parallel computing and architectures and distributed systems, the book turns to contemporary cloud infrastructures, how they are being deployed at leading companies such as Amazon, Google and Apple, and how they can be applied in fields such as healthcare, banking and science. The volume also examines how to successfully deploy a cloud application across the enterprise using virtualization, resource management and the right amount of networking support, including content delivery networks and storage area networks. Developers will find a complete introduction to application development provided on a variety of platforms. Learn about recent trends in cloud computing in critical areas such as: resource management, security, energy consumption, ethics, and complex systems Get a detailed hands-on set of practical recipes that help simplify the deployment of a cloud based system for practical use of computing clouds along with an in-depth discussion of several projects Understand the evolution of cloud computing and why the cloud computing

paradigm has a better chance to succeed than previous efforts in large-scale distributed computing

NANOMETER CMOS ICS

FROM BASICS TO ASICS

[Springer](#) This textbook provides a comprehensive, fully-updated introduction to the essentials of nanometer CMOS integrated circuits. It includes aspects of scaling to even beyond 12nm CMOS technologies and designs. It clearly describes the fundamental CMOS operating principles and presents substantial insight into the various aspects of design implementation and application. Coverage includes all associated disciplines of nanometer CMOS ICs, including physics, lithography, technology, design, memories, VLSI, power consumption, variability, reliability and signal integrity, testing, yield, failure analysis, packaging, scaling trends and road blocks. The text is based upon in-house Philips, NXP Semiconductors, Applied Materials, ASML, IMEC, ST-Ericsson, TSMC, etc., courseware, which, to date, has been completed by more than 4500 engineers working in a large variety of related disciplines: architecture, design, test, fabrication process, packaging, failure analysis and software.

FIX YOUR OWN COMPUTER FOR SENIORS FOR DUMMIES

[John Wiley & Sons](#) Learn to diagnose and fix simple PC problems with this easy-to-follow guide When something goes wrong with your computer, it's frustrating and potentially expensive. With Fix Your Own Computer For Seniors For Dummies, you can find out what's wrong, how to fix it, whether you need to call in professional help, and how to practice preventive maintenance. This friendly guide avoids techie jargon and shows you how to diagnose the problem, find out whether the software or hardware is at fault, make simple repairs, and add external devices such as scanners, printers, and hard drives. It also helps you maintain your computer through basic steps like defragmenting the hard drive and cleaning out files - techniques that can prevent a lot of problems from occurring in the first place. Written specifically for first-time computer users, this book explains how to diagnose basic PC problems, understand error messages, and fix common issues Specific step-by-step procedures guide you through basic repairs such as replacing the hard drive Explains common mistakes and how to avoid them Outlines the steps for preventive maintenance, such as how to defragment the hard drive, clean files, delete old files, and organize files Explores ways to expand and enhance a computer with external devices including hard drives, Web cameras, Web phones, scanners, printers, flash drives and other hardware Shows what you can fix yourself and when to seek help from a repair service or the manufacturer Easy to read and follow, Fix Your Own Computer For Seniors For Dummies will boost your confidence when dealing with your computer and with professional technicians, too.

MASTERING MICROSOFT EXCHANGE SERVER 2013

[John Wiley & Sons](#) The bestselling guide to Exchange Server, fully updated for the newest version Microsoft Exchange Server 2013 is touted as a solution for lowering the total cost of ownership, whether deployed on-premise or in the cloud. Like the earlier editions, this comprehensive guide covers every aspect of installing, configuring, and managing this multifaceted collaboration system. It offers Windows system administrators and consultants a complete tutorial and reference, ideal for anyone installing Exchange Server for the first time or those migrating from an earlier Exchange Server version. Microsoft Exchange Server 2013 is a messaging system that allows for access to e-mail, voicemail, and calendars from a variety of devices and any location, making it ideal for the enterprise With more than 21,000 copies of earlier editions sold, this comprehensive guide offers system administrators and consultants both a tutorial and a reference guide for installing and managing Exchange Server 2013 A team of Microsoft Certified Masters walks you step by step through planning and design, installation, administration and management, maintenance, and more Mastering Microsoft Exchange Server 2013 is the complete reference for planning, installing, and maintaining the most popular e-mail server product available.

FUNDAMENTALS OF INFORMATION TECHNOLOGY

[Excel Books India](#) The third edition of Fundamentals of Information Technology is a 'must have' book not only for BCA and MBA students, but also for all those who want to strengthen their knowledge of computers. The additional chapter on MS Office is a comprehensive study on MS Word, MS Excel and other components of the package. This book is packed with expert advice from eminent IT professionals, in-depth analyses and practical examples. It presents a detailed functioning of hardware components besides covering the software concepts. A broad overview of Computer architecture, Data representation in the computer, Operating systems, Database management systems, Programming languages, etc., has also been included. An additional chapter on Mobile Computing and other state-of-the-art innovations in the IT world have been incorporated. Not only that, the latest Internet

technologies have also been covered in detail. One should use this book to acquire computer literacy in terms of how data is represented in a computer, how hardware devices are integrated to get the desired results, how the computer can be networked for interchanging data and establishing communication. Each chapter is followed by a number of review questions.

TROUBLESHOOTING AND MAINTAINING YOUR PC ALL-IN-ONE FOR DUMMIES

[John Wiley & Sons](#) Stop being a prisoner to your PC! Need a PC problem fixed in a pinch? Presto! **Troubleshooting & Maintaining Your PC All-in-One For Dummies** offers 5 books in 1 and takes the pain out of wading through those incomprehensible manuals, or waiting for a high-priced geek to show up days or weeks after you need them. Arming you with everything you need to get that pesky PC working for you ASAP, this handy guide walks you through all the steps to restoring whatever's making your PC go rogue —so you can get back to making it work for you. There's nothing worse than firing up your PC only to discover it's inexplicably unresponsive. With this guide, you'll gain all the skills and insight you need to need to bring it back to life —and to prevent it from ever leaving you in the lurch again. Find out what's behind common PC problems Solve email and web woes, both big and small Perform regular maintenance and get serious about backups Troubleshoot to find solutions to your issues and learn proper maintenance to head off future headaches! Your PC problems aren't as big as you think! Take matters into your own hands with the helpful instruction provided inside this book!

THE BIOS COMPANION

[Lulu.com](#) This text describes the functions that the BIOS controls and how these relate to the hardware in a PC. It covers the CMOS and chipset set-up options found in most common modern BIOSs. It also features tables listing error codes needed to troubleshoot problems caused by the BIOS.

COMPTIA A+ COMPLETE PRACTICE TESTS

EXAM CORE 1 220-1001 AND EXAM CORE 2 220-1002

[John Wiley & Sons](#) Test your knowledge and know what to expect on A+ exam day **CompTIA A+ Complete Practice Tests, Second Edition** enables you to hone your test-taking skills, focus on challenging areas, and be thoroughly prepared to ace the exam and earn your A+ certification. This essential component of your overall study plan presents nine unique practice tests—and two 90-question bonus tests—covering 100% of the objective domains for both the 220-1001 and 220-1002 exams. Comprehensive coverage of every essential exam topic ensures that you will know what to expect on exam day and maximize your chances for success. Over 1200 practice questions on topics including hardware, networking, mobile devices, operating systems and procedures, troubleshooting, and more, lets you assess your performance and gain the confidence you need to pass the exam with flying colors. This second edition has been fully updated to reflect the latest best practices and updated exam objectives you will see on the big day. A+ certification is a crucial step in your IT career. Many businesses require this accreditation when hiring computer technicians or validating the skills of current employees. This collection of practice tests allows you to: Access the test bank in the Sybex interactive learning environment Understand the subject matter through clear and accurate answers and explanations of exam objectives Evaluate your exam knowledge and concentrate on problem areas Integrate practice tests with other Sybex review and study guides, including the **CompTIA A+ Complete Study Guide** and the **CompTIA A+ Complete Deluxe Study Guide** Practice tests are an effective way to increase comprehension, strengthen retention, and measure overall knowledge. The **CompTIA A+ Complete Practice Tests, Second Edition** is an indispensable part of any study plan for A+ certification.

COMPTIA SERVER+ CERTIFICATION GUIDE

A COMPREHENSIVE, END-TO-END STUDY GUIDE FOR THE SK0-004 CERTIFICATION, ALONG WITH MOCK EXAMS

[Packt Publishing Ltd](#) Master the concepts and techniques that will enable you to succeed on the SK0-004 exam the first time with the help of this study guide **Key Features** Explore virtualisation, IPv4 & IPv6 networking, administration and more **Enhancing limited knowledge of server configuration and function** A study guide that covers the objectives for the certification examination **Book Description** **CompTIA Server+ Certification** is one of the top 5 IT certifications that is vendor neutral. System administrators opt for **CompTIA server+ Certification** to gain advanced knowledge of concepts including troubleshooting and networking. This book will initially start with the configuration of a basic network server and the configuration for each of its myriad roles. The next set of chapters will provide an overview of the responsibilities and tasks performed by a system administrator to manage and maintain a network server. Moving ahead, you will learn the basic security technologies, methods, and procedures that can be applied to a server and its network. Next, you will

cover the troubleshooting procedures and methods in general, and specifically for hardware, software, networks, storage devices, and security applications. Toward the end of this book, we will cover a number of troubleshooting and security mitigation concepts for running admin servers with ease. This guide will be augmented by test questions and mock papers that will help you obtain the necessary certification. By the end of this book, you will be in a position to clear Server+ Certification with ease. What you will learn

Understand the purpose and role of a server in a computer network
 Review computer hardware common to network servers
 Detail the function and configuration of network operating systems
 Describe the functions and tasks of network operating system administration
 Explain the various data storage options on a computer network
 Detail the need for, and the functioning and application of, network and server security
 Describe the operational elements of a network provided by a server
 Explain the processes and methods involved in troubleshooting server issues

Who this book is for This book is targeted towards professionals seeking to gain the CompTIA Server+ certification. People coming from a Microsoft background with basic operating system and networking skills will also find this book useful. Basic experience working with system administration is mandatory.

IBM ZPDT GUIDE AND REFERENCE

[IBM Redbooks](#) This IBM® Redbooks® publication provides both introductory information and technical details about the IBM System z® Personal Development Tool (IBM zPDT®), which produces a small System z environment suitable for application development. zPDT is a PC Linux application. When zPDT is installed (on Linux), normal System z operating systems (such as IBM z/OS®) can be run on it. zPDT provides the basic System z architecture and emulated IBM 3390 disk drives, 3270 interfaces, OSA interfaces, and so on. The systems that are discussed in this document are complex. They have elements of Linux (for the underlying PC machine), IBM z/Architecture® (for the core zPDT elements), System z I/O functions (for emulated I/O devices), z/OS (the most common System z operating system), and various applications and subsystems under z/OS. The reader is assumed to be familiar with general concepts and terminology of System z hardware and software elements, and with basic PC Linux characteristics. This book provides the primary documentation for zPDT.

INFORMATION SYSTEMS FOR BUSINESS AND BEYOND

"Information Systems for Business and Beyond introduces the concept of information systems, their use in business, and the larger impact they are having on our world."--BC Campus website.

ABSOLUTE FREEBSD, 2ND EDITION

THE COMPLETE GUIDE TO FREEBSD

[No Starch Press](#) FreeBSD—the powerful, flexible, and free Unix-like operating system—is the preferred server for many enterprises. But it can be even trickier to use than either Unix or Linux, and harder still to master. Absolute FreeBSD, 2nd Edition is your complete guide to FreeBSD, written by FreeBSD committer Michael W. Lucas. Lucas considers this completely revised and rewritten second edition of his landmark work to be his best work ever; a true product of his love for FreeBSD and the support of the FreeBSD community. Absolute FreeBSD, 2nd Edition covers installation, networking, security, network services, system performance, kernel tweaking, filesystems, SMP, upgrading, crash debugging, and much more, including coverage of how to:

- Use advanced security features like packet filtering, virtual machines, and host-based intrusion detection
- Build custom live FreeBSD CDs and bootable flash
- Manage network services and filesystems
- Use DNS and set up email, IMAP, web, and FTP services for both servers and clients
- Monitor your system with performance-testing and troubleshooting tools
- Run diskless systems
- Manage schedulers, remap shared libraries, and optimize your system for your hardware and your workload
- Build custom network appliances with embedded FreeBSD
- Implement redundant disks, even without special hardware
- Integrate FreeBSD-specific SNMP into your network management system.

Whether you're just getting started with FreeBSD or you've been using it for years, you'll find this book to be the definitive guide to FreeBSD that you've been waiting for.

COMPLETE COMPTIA A+ GUIDE TO IT HARDWARE AND SOFTWARE

COMPL COMPT A+ GD PC EPUB_7

[Pearson IT Certification](#) Master IT hardware and software installation, configuration, repair, maintenance, and troubleshooting and fully prepare for the CompTIA® A+ 220-901 and 220-902 exams. This all-in-one textbook and lab manual is a real-world guide to learning how to connect, manage, and troubleshoot multiple devices in authentic IT scenarios.

Thorough instruction built on the CompTIA A+ 220-901 and 220-902 exam objectives includes coverage of Linux, Mac, mobile, cloud, and expanded troubleshooting and security. For realistic industry experience, the author also includes common legacy technologies still in the field along with non-certification topics like Windows 10 to make this textbook THE textbook to use for learning about today's tools and technologies. In addition, dual emphasis on both tech and soft skills ensures you learn all you need to become a qualified, professional, and customer-friendly technician. Dozens of activities to help "flip" the classroom plus hundreds of labs included within the book provide an economical bonus-no need for a separate lab manual. Learn more quickly and thoroughly with all these study and review tools: Learning Objectives provide the goals for each chapter plus chapter opening lists of A+ Cert Exam Objectives ensure full coverage of these topics Hundreds of photos, figures, and tables to help summarize and present information in a visual manner in an all-new full color design Practical Tech Tips give real-world IT Tech Support knowledge Soft Skills best practice advice and team-building activities in each chapter cover all the tools and skills you need to become a professional, customer-friendly technician in every category Review Questions, including true/false, multiple choice, matching, fill-in-the-blank, and open-ended questions, assess your knowledge of the learning objectives Hundreds of thought-provoking activities to apply and reinforce the chapter content and "flip" the classroom if you want More than 140 Labs allow you to link theory to practical experience Key Terms identify exam words and phrases associated with each topic Detailed Glossary clearly defines every key term Dozens of Critical Thinking Activities take you beyond the facts to complete comprehension of topics Chapter Summary provides a recap of key concepts for studying Certification Exam Tips provide insight into the certification exam and preparation process

CISSP STUDY GUIDE

Syngress CISSP Study Guide, Third Edition provides readers with information on the CISSP certification, the most prestigious, globally-recognized, vendor-neutral exam for information security professionals. With over 100,000 professionals certified worldwide, and many more joining their ranks, this new third edition presents everything a reader needs to know on the newest version of the exam's Common Body of Knowledge. The eight domains are covered completely and as concisely as possible, allowing users to ace the exam. Each domain has its own chapter that includes a specially-designed pedagogy to help users pass the exam, including clearly-stated exam objectives, unique terms and definitions, exam warnings, "learning by example" modules, hands-on exercises, and chapter ending questions. Provides the most complete and effective study guide to prepare users for passing the CISSP exam, giving them exactly what they need to pass the test Authored by Eric Conrad who has prepared hundreds of professionals for passing the CISSP exam through SANS, a popular and well-known organization for information security professionals Covers all of the new information in the Common Body of Knowledge updated in January 2015, and also provides two exams, tiered end-of-chapter questions for a gradual learning curve, and a complete self-test appendix

THE BOOK OF OVERCLOCKING

TWEAK YOUR PC TO UNLEASH ITS POWER

Offers advice to readers on how to adjust PC system processors to run at higher speeds than indicated by the manufacturer, including specification tables and tips for a variety of chips.