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Managing Linux Systems with Webmin IBM Power 520 Technical Overview AIX 5L Differences Guide Version 5.3 Edition Deep Medicine Software Architecture 2 The Moral Case for Fossil Fuels Open Data in Developing Economies Nanomaterials and Their Biomedical Applications Mr. Putin The Rise and Fall of Nations: Forces of Change in the Post-Crisis World The Better Angels of Our Nature Proteomics for Biological Discovery Linux Server Hacks Dictionary of Real Estate Terms Mastering Skype for Business 2015 Designing Hyper-V Solutions We Own the Future Island of Vice Critical Care Nephrology and Renal Replacement Therapy in Children Diagnostic Strategies for COVID-19 and other Coronaviruses 20 Pieces of Encouragement for Awakening and Change Docker in Practice Introducing Windows Server 2016 Technical Preview SUSE Linux Administration Guide Parenteral Medications, Fourth Edition POWER7 and POWER7+ Optimization and Tuning Guide CPT 2021 Professional Edition IBM Power 550 Technical Overview Managing Operations Across the Supply Chain Protein Folding IPv6 Deployment Guide Federal Register Global Re-introduction Perspectives Debian GNU/Linux Bible Telehealth in the Developing World Antarctica's Hidden History The Weather and Climate IBM PowerVM Virtualization Introduction and Configuration Telecommunications and Data Communications Handbook Computerworld

Managing Operations Across the Supply Chain is the first book to offer a global, supply chain perspective of operations management – a treatment that embraces the foundations of operations management but includes new frameworks, concepts, and tools to address the demands of today and changing needs of the future. It reflects three key shifts in operations management: 1. From a focus on the internal system to a focus on the supply chain 2. From a local focus to a global focus 3. From an emphasis on tools and techniques to an emphasis on systems, people, and processes International Bestseller "Quite simply the best guide to the global economy today." —Fareed Zakaria Shaped by his twenty-five years traveling the world, and enlivened by encounters with villagers from Rio to Beijing, tycoons, and presidents, Ruchir Sharma's *The Rise and Fall of Nations* rethinks the "dismal science" of economics as a practical art. Narrowing the thousands of factors that can shape a country's fortunes to ten clear rules, Sharma explains how to spot political, economic, and social changes in real time. He shows how to read political headlines, black markets, the price of onions, and billionaire rankings as signals of booms, busts, and protests. Set in a post-crisis age that has turned the world upside down, replacing fast growth with slow growth and political calm with revolt, Sharma's pioneering book is an entertaining field guide to understanding change in this era or any era. Parenteral Medications is an authoritative, comprehensive reference work on the formulation and manufacturing of parenteral dosage forms, effectively balancing theoretical considerations with practical aspects of their development. Previously published as a three-volume set, all volumes have been combined into one comprehensive publication that addresses the plethora of changes in the science and considerable advances in the technology associated with these products and routes of administration. Key Features: Provides a comprehensive reference work on the formulation and manufacturing of parenteral dosage forms Addresses changes in the science and advances in the technology associated with parenteral medications and routes of administration Includes 13 new chapters and updated chapters throughout Contains the contributors of leading researchers in the field of parenteral medications Uses full color detailed illustrations, enhancing the learning process The fourth edition not only reflects enhanced content in all the chapters but also highlights the rapidly advancing formulation, processing, manufacturing parenteral technology including advanced delivery and cell therapies. The book is divided into seven sections: Section 1 - Parenteral Drug Administration and Delivery Devices; Section 2 - Formulation Design and Development; Section 3 - Specialized Drug Delivery Systems; Section 4 - Primary Packaging and Container Closure Integrity; Section 5 - Facility Design and Environmental Control; Section 6 - Sterilization and Pharmaceutical Processing; Section 7 - Quality Testing and Regulatory Requirements For an accessible and comprehensive survey of telecommunications and data communications technologies and services, consult the Telecommunications and Data Communications Handbook, which includes information on origins, evolution and meaningful contemporary applications. Find discussions of technologies set in context, with details on fiber optics, cellular radio, digital carrier systems, TCP/IP, and the Internet. Explore topics like Voice over Internet Protocol (VoIP); 802.16 & WiMAX; Passive Optical Network (PON); 802.11g & Multiple Input Multiple Output (MIMO) in this easily accessible guide without the burden of technical jargon. This volume provides comprehensive protocols on experimental and computational methods that are used to study probe protein folding reactions and mechanisms. Chapters divided into five parts detail protein engineering, protein chemistry, experimental approaches to investigate the thermodynamics and kinetics of protein folding transitions, probe protein folding at the single molecule, analysis and interpretation of computer simulations, procedures and tools for the prediction of protein folding properties. Written in the format of the highly successful *Methods in Molecular Biology* series, each chapter includes an introduction to the topic, lists necessary materials and reagents, includes tips on troubleshooting and known pitfalls, and step-by-step, readily reproducible protocols. Authoritative and cutting-edge, *Protein Folding: Methods and Protocols* aims to be a useful practical guide to researches to help further their study in this field. Get a head start evaluating Windows Server 2016—guided by the experts. Based on Technical Preview 4, John McCabe and the Windows Server team introduce the new features and capabilities, with practical insights on how Windows Server 2016 can meet the needs of your business. Get the early, high-level overview you need to begin preparing your deployment now! Deploy Microsoft Virtualization and VDI solutions using real-world Hyper-V configurations About This Book Get acquainted with the basics of Windows Server Hyper-V 2012 R2 and understand how to efficiently design a highly available virtualization solution Assess your physical server environment and understand the fundamentals of server consolidation and sizing of Hyper-V hosts Design practical solutions for common design patterns with explanations of these design decisions Who This Book Is For This book is aimed at IT admins, consultants, and architects alike who wish to deploy, manage, and maintain Hyper-V solutions in organizations of various sizes. Readers are expected to have a working knowledge of managing Windows Servers and a fair understanding of networking and storage concepts. What You Will Learn Set up independent and highly available clustered Hyper-V hosts via GUI and PowerShell Acquire knowledge about Generation 1 and 2 Virtual Machines, their creation and management, and also look at the VM Conversion process Understand NIC Teaming, Extensible Virtual Switch, and other networking advancements Gain insight into virtual machine storage changes and its follow-up benefits Discover backup and recovery patterns for Hyper-V Familiarize yourself with the essentials of Hyper-V Replica Leverage the benefits of Microsoft VDI In Detail The IT community has already experienced the benefits of server virtualization. However, they were limited to one option primarily until Microsoft released its flagship Hypervisor platform. Windows Server Hyper-V 2012 and R2 along with Hyper-V Server 2012 and R2 present a cost effective yet robust virtualization solution to enterprises who wish to consolidate their physical server workloads or migrate their pre-existing VMware workloads to Hyper-V. Hyper-V has proven to be a stable and an economical virtualization solution and with its high availability, live migration, and new network virtualization and storage enhancement features, enterprises will never feel the need to consider another alternative. This book is a practical, example-oriented tutorial that will guide you through the basics and architecture of the Hyper-V platform and thereafter help you understand how to build your Virtualization infrastructure from the ground up. The book then goes on to focus on scalability and high availability aspects and trains you in setting up highly available Hyper-V clusters and the live migration of virtual machines. You will also learn about the advancements in virtual networking and storage in Windows Server 2012. After the implementation guidance, the book then advises you on how to set up backup and recovery and how to prepare a disaster recovery plan via Hyper-V Replica. The book concludes with a good insight into Microsoft VDI implementation guidance. Style and approach This is a handy and easy-to-follow guide that describes virtualization concepts and the Hyper-V design approach. Each topic is explained sequentially and is enhanced with real-world scenarios, practical examples, screenshots, and step-by-step explanations to help readers understand clearly. A Science Friday pick for book of the year, 2019 One of America's top doctors reveals how AI will empower physicians and revolutionize patient care Medicine has become inhuman, to disastrous effect. The doctor-patient relationship--the heart of medicine--is broken: doctors are too distracted and overwhelmed to truly connect with their patients, and medical errors and misdiagnoses abound. In *Deep Medicine*, leading physician Eric Topol reveals how artificial intelligence can help. AI has the potential to transform everything doctors do, from notetaking and medical scans to diagnosis and treatment, greatly cutting down the cost of medicine and reducing human mortality. By freeing physicians from the tasks that interfere with human connection, AI will create space for the real healing that takes place between a doctor who can listen and a patient who needs to be heard. Innovative, provocative, and hopeful, *Deep Medicine* shows us how the awesome power of AI can make medicine better, for all the humans involved. A ROLLICKING NARRATIVE HISTORY OF THEODORE ROOSEVELT'S EMBATTLED TENURE AS POLICE COMMISSIONER OF CORRUPT, PLEASURE-LOVING NEW YORK CITY IN THE 1880s, AND HIS DOOMED MISSION TO WIPE OUT VICE In the 1890s, New York City was America's financial, manufacturing, and entertainment capital, and also its preferred destination for sin, teeming with 40,000 prostitutes, glittering casinos, and all-night dives packed onto the island's two dozen square miles. Police captains took hefty bribes to see nothing while reformers writhed in frustration. In *Island of Vice*, bestselling author Richard Zacks paints a vivid picture of the lewd underbelly of 1890s New York, and of Theodore Roosevelt, the cocksure crusading police commissioner who resolved to clean up the bustling metropolis, where the silk top hats of Wall Street bobbed past teenage prostitutes trawling Broadway. Writing with great wit and zest, Zacks explores how Roosevelt went head-to-head with corrupt Tammany Hall, took midnight rambles with muckraker Jacob Riis, banned barroom drinking on Sundays, and tried to convince 2 million New Yorkers to enjoy wholesome family fun. In doing so, Teddy made a ruthless enemy of police captain "Big Bill" Devery, who grew up in the Irish slums and never tired of fighting "tin soldier" reformers. Roosevelt saw his mission as a battle of good versus evil: Devery saw prudery standing in the way of fun and profit. When righteous Roosevelt's vice crackdown started to succeed all too well, many of his own supporters began to turn on him. Cynical newspapermen mocked his quixotic quest, his own political party abandoned him, and Roosevelt discovered that New York loves its sin more than its salvation. Zacks's meticulous research and wonderful sense of narrative verve bring this disparate cast of both pious and bawdy New Yorkers to life. With cameos by Stephen Crane, J. P. Morgan, and Joseph Pulitzer, plus a horde of very angry cops, *Island of Vice* is an unforgettable portrait of turn-of-the-century New York in all its seedy glory, and a brilliant portrayal of the energetic, confident, and zealous Roosevelt, one of America's most colorful public figures. Written by recognized experts in the study of proteins, *Proteomics for Biological Discovery* begins by discussing the emergence of proteomics from genome sequencing projects and a summary of potential answers to be gained from proteome-level research. The tools of proteomics, from conventional to novel techniques, are then dealt with in terms of underlying concepts, limitations and future directions. An invaluable source of information, this title also provides a thorough overview of the current developments in post-translational modification studies, structural proteomics, biochemical proteomics, microfabrication, applied proteomics, and bioinformatics relevant to proteomics. Presents a comprehensive and coherent review of the major issues faced in terms of technology development, bioinformatics, strategic approaches, and applications Chapters offer a rigorous overview with summary of limitations, emerging approaches, questions, and realistic future industry and basic science applications Discusses higher level integrative aspects, including technical challenges and applications for drug discovery Accessible to the novice while providing experienced investigators essential information Proteomics for Biological Discovery is an essential resource for students, postdoctoral fellows, and researchers across all fields of biomedical research, including biochemistry, protein chemistry, molecular genetics, cell/developmental biology, and bioinformatics. "This is the second issue in the Global Re-introduction Perspectives series and has been produced in the same standardized format as the previous one. The case-studies are arranged in the following order: Introduction, Goals, Success Indicators, Project Summary, Major Difficulties Faced, Major Lessons Learned, Success of Project with reasons for success or failure. For this second issue we received a total of 72 case-studies compared to 62 in the last issue. These case studies cover the following taxa as follows: invertebrates (9), fish (6), amphibians (5), reptiles (7), birds (13), mammals (20) and plants (12) ... We hope the information presented in this book will provide a broad global perspective on challenges facing re-introduction projects trying to restore biodiversity"--Pritpal S. Soorae. From the KGB to the Kremlin: a multidimensional portrait of the man at war with the West. Where do Vladimir Putin's ideas come from? How does he look at the outside world? What does he want, and how far is he willing to go? The great lesson of the outbreak of World War I in 1914 was the danger of misreading the statements, actions, and intentions of the adversary. Today, Vladimir Putin has become the greatest challenge to European security and the global world order in decades. Russia's 8,000 nuclear weapons underscore the huge risks of not understanding who Putin is. Featuring five new chapters, this new edition dispels potentially dangerous misconceptions about Putin and offers a clear-eyed look at his objectives. It presents Putin as a reflection of deeply ingrained Russian ways of thinking as well as his unique personal background and experience. Praise for the first edition If you want to begin to understand Russia today, read this book. —Sir John Scarlett, former chief of the British Secret Intelligence Service (MI6) For anyone wishing to understand Russia's evolution since the breakup of the Soviet Union and its trajectory since then, the book you hold in your hand is an essential guide.—John McLaughlin, former deputy director of U.S. Central Intelligence Of the many biographies of Vladimir Putin that have appeared in recent years, this one is the most useful. —Foreign Affairs This is not just another Putin biography. It is a psychological portrait. —The Financial Times Q: Do you have time to read books? If so, which ones would you recommend? "My goodness, let's see. There's Mr. Putin, by Fiona Hill and Clifford Gaddy. Insightful." —Vice President Joseph Biden in Joe Biden: The Rolling Stone Interview. "If I could give each of you a graduation present, it would be this—the most inspiring book I've ever read." —Bill Gates (May, 2017) Selected by The New York Times Book Review as a Notable Book of the Year The author of *Rationality and Enlightenment Now* offers a provocative and surprising history of violence. Faced with the ceaseless stream of news about war, crime, and terrorism, one could easily think we live in the most violent age ever seen. Yet as *New York Times* bestselling author Steven Pinker shows in this startling and engaging new work, just the opposite is true: violence has been diminishing for millennia and we may be living in the most peaceful time in our species's existence. For most of history, war, slavery, infanticide, child abuse, assassinations, programs, gruesome punishments, deadly quarrels, and genocide were ordinary features of life. But today, Pinker shows (with the help of more than a hundred graphs and maps) all these forms of violence have dwindled and are widely condemned. How has this happened? This groundbreaking book continues Pinker's exploration of the essence of human nature, mixing psychology and history to provide a remarkable picture of an increasingly nonviolent world. The key, he explains, is to understand our intrinsic motives--the inner demons that incline us toward violence and the better angels that steer us away--and how changing circumstances have allowed our better angels to prevail. Exploding fatalist myths about humankind's inherent violence and the curse of modernity, this ambitious and provocative book is sure to be hotly debated in living rooms and the Pentagon alike, and will challenge and change the way we think about our society. Debian GNU/Linux is one of the major Linux distributions available today. It is known as the most open" of the Linux distributions -- for its commitment to the free software principals, and its community-centricism. It is also known for its tradition of high-quality packages and package management tools, as well as its focus on security issues. Debian GNU/Linux(r) Bible focuses on common apps, GUIs, networking, and system administration. The Debian Project's Internet-based development model has helped the distribution achieve unparalleled Internet functionality. One of the most popular features in Debian GNU/Linux is "apt-get," which automates free network downloads of all software package updates, making the Debian CD the last CD you will ever need to keep your system up-to-date with Linux." Over the past 20 years, software architectures have significantly contributed to the development of complex and distributed systems. Nowadays, it is recognized that one of the critical problems in the design and development of any complex software system is its architecture, i.e. the organization of its architectural elements. Software Architecture presents the software architecture paradigms based on objects, components, services and models, as well as the various architectural techniques and methods, the analysis of architectural qualities, models of representation of architectural templates and styles, their formalization, validation and testing and finally the engineering approach in which these consistent and autonomous elements can be tackled. A new addition to the successful telehealth series, *Telehealth in the Developing World* aims to balance the relative lack of published information on successful telehealth solutions in the developing world. This IBM Redpaper publication is a comprehensive guide covering the IBM Power 520 server, machine type model 8203-E4A. The goal of this paper is to introduce this innovative server that includes IBM System i and IBM System p and new hardware technologies. The major hardware offerings include: - The POWER6 processor, available at frequencies of 4.2 GHz and 4.7 GHz. - Specialized POWER6 DDR2 memory that provides greater bandwidth, capacity, and reliability. - The 1 Gb or 10 Gb Integrated Virtual Ethernet adapter that brings native hardware virtualization to this server. - EnergyScale technology that provides features such as power trending, power-saving, capping of power, and thermal measurement. - PowerVM virtualization technology. - Mainframe continuous availability brought to the entry server environment. This Redpaper expands the current set of IBM Power System documentation by providing a desktop reference that offers a detailed technical description of the Power 520 system. This Redpaper does not replace the latest marketing materials and tools. It is intended as an additional source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions. Could everything we know about fossil fuels be wrong? For decades, environmentalists have told us that using fossil fuels is a self-destructive addiction that will destroy our planet. Yet at the same time, by every measure of human well-being, from life expectancy to clean water to climate safety, life has been getting better and better. How can this be? The explanation, energy expert Alex Epstein argues in *The Moral Case for Fossil Fuels*, is that we usually hear only one side of the story. We're taught to think only of the negatives of fossil fuels, their risks and side effects, but not their positives—their unique ability to provide cheap, reliable energy for a world of seven billion people. And the moral significance of cheap, reliable energy, Epstein argues, is woefully underrated. Energy is our ability to improve every single aspect of life, whether economic or environmental. If we look at the big picture of fossil fuels compared with the alternatives, the overall impact of using fossil fuels is to make the world a far better place. We are morally obligated to use more fossil fuels for the sake of our economy and our environment. Drawing on original insights and cutting-edge research, Epstein argues that most of what we hear about fossil fuels is a myth. For instance . . . Myth: Fossil fuels are dirty. Truth: The environmental benefits of using fossil fuels far outweigh the risks. Fossil fuels don't take a naturally clean environment and make it dirty; they take a naturally dirty environment and make it clean. They don't take a naturally safe climate and make it dangerous; they take a naturally dangerous climate and make it ever safer. Myth: Fossil fuels are unsustainable, so we should strive to use "renewable" solar and wind. Truth: The sun and wind are intermittent, unreliable fuels that always need backup from a reliable source of energy—usually fossil fuels. There are huge amounts of fossil fuels left, and we have plenty of time to find something cheaper. Myth: Fossil fuels are hurting the developing world. Truth: Fossil fuels are the key to improving the quality of life for billions of people in the developing world. If we withhold them, access to clean water plummets, critical medical machines like incubators become impossible to operate, and life expectancy drops significantly. Calls to "get off fossil fuels" are calls to degrade the lives of innocent people who merely want the same opportunities we enjoy in the

West. Taking everything into account, including the facts about climate change, Epstein argues that “fossil fuels are easy to misunderstand and demonize, but they are absolutely good to use. And they absolutely need to be championed. . . . Mankind’s use of fossil fuels is supremely virtuous—because human life is the standard of value and because using fossil fuels transforms our environment to make it wonderful for human life.” This IBM Redbooks publication focuses on the differences introduced in AIX 5L Version 5.3 when compared to AIX 5L Version 5.2. It is intended to help system administrators, developers, and users understand these enhancements and evaluate potential benefits in their own environments. AIX 5L Version 5.3 introduces many new features, including NFS Version 4 and Advanced Accounting, and exploits the advanced capabilities of POWER5 equipped servers, such as Virtual SCSI, Virtual Ethernet SMT, Micro-Partitioning, and others. There are many other enhancements available with AIX 5L Version 5.3, and you can explore them in this book. For customers who are not familiar with the enhancements of AIX 5L through Version 5.2, a companion publication, AIX 5L Differences Guide Version 5.2 Edition, SG24-5765 is available. A competent system administrator knows that a Linux server is a high performance system for routing large amounts of information through a network connection. Setting up and maintaining a Linux server requires understanding not only the hardware, but the ins and outs of the Linux operating system along with its supporting cast of utilities as well as layers of applications software. There's basic documentation online but there's a lot beyond the basics you have to know, and this only comes from people with hands-on, real-world experience. This kind of "know how" is what we sought to capture in Linux Server Hacks. Linux Server Hacks is a collection of 100 industrial-strength hacks, providing tips and tools that solve practical problems for Linux system administrators. Every hack can be read in just a few minutes but will save hours of searching for the right answer. Some of the hacks are subtle, many of them are non-obvious, and all of them demonstrate the power and flexibility of a Linux system. You'll find hacks devoted to tuning the Linux kernel to make your system run more efficiently, as well as using CVS or RCS to track the revision to system files. You'll learn alternative ways to do backups, how to use system monitoring tools to track system performance and a variety of secure networking solutions. Linux Server Hacks also helps you manage large-scale Web installations running Apache, MySQL, and other open source tools that are typically part of a Linux system. O'Reilly's new Hacks Series proudly reclaims the term "hacking" for the good guys. Hackers use their ingenuity to solve interesting problems. Rob Flickenger is an experienced system administrator, having managed the systems for O'Reilly Network for several years. (He's also into community wireless networking and he's written a book on that subject for O'Reilly.) Rob has also collected the best ideas and tools from a number of other highly skilled contributors. Written for users who already understand the basics, Linux Server Hacks is built upon the expertise of people who really know what they're doing. This IBM® Redbooks® publication provides an introduction to PowerVM™ virtualization technologies on Power System servers. PowerVM is a combination of hardware, firmware, and software that provides CPU, network, and disk virtualization. These are the main virtualization technologies: POWER7, POWER6, and POWER5 hardware POWER Hypervisor Virtual I/O Server Though the PowerVM brand includes partitioning, management software, and other offerings, this publication focuses on the virtualization technologies that are part of the PowerVM Standard and Enterprise Editions. This publication is also designed to be an introduction guide for system administrators, providing instructions for these tasks: Configuration and creation of partitions and resources on the HMC Installation and configuration of the Virtual I/O Server Creation and installation of virtualized partitions Examples using AIX, IBM i, and Linux This edition has been updated with the latest updates available and an improved content organization. This IBM® Redpaper™ is a comprehensive guide covering the Power 550 server. The goal of this paper is to introduce the innovative Power 550. It introduces major hardware offerings and discusses their prominent functions, including:

- o The POWER6 processor available at frequencies of 3.5 GHz, 4.2 GHz, and 5.0 GHz.
- o The specialized POWER6 DDR2 memory that provides greater bandwidth, capacity, and reliability.
- o The 1 Gb or 10 Gb Integrated Virtual Ethernet adapter that brings native hardware virtualization to this server
- o EnergyScale technology that provides features such as power trending, power-saving, capping of power, and thermal measurement
- o PowerVM Live Partition Mobility
- o Mainframe continuous availability brought to the UNIX environment

This Redpaper expands the current set of IBM System p documentation by providing a desktop reference that offers a detailed technical description of the 550 system. This Redpaper does not replace the latest marketing materials and tools. It is intended as an additional source of information that, together with existing sources, may be used to enhance your knowledge of IBM server solutions. This book highlights the evolution of, and novel challenges currently facing, nanomaterials science, nanoengineering, and nanotechnology, and their applications and development in the biological and biomedical fields. It details different nanoscale and nanostructured materials syntheses, processing, characterization, and applications, and considers improvements that can be made in nanostructured materials with their different biomedical applications. The book also briefly covers the state of the art of different nanomaterials design, synthesis, fabrication and their potential biomedical applications. It will be particularly useful for reading and research purposes, especially for science and engineering students, academics, and industrial researchers. This book represents an invaluable resource for professionals for the diagnosis and treatment of acute kidney injury (AKI) in children and how to select and deliver the appropriate form of renal replacement therapy (RRT). Experts from all over the globe have come together to share their wide experience in the field of Critical Care Nephrology in children. Paediatric critical care nephrology is a complex and highly specialised field, presenting challenges and management strategies that are often quite distinct from those seen in adult practice. Therefore, it is high time to address all the topics in the field of critical care nephrology in children in a unique book which is the first of its kind. This book covers the basics as well as advances in the field of Critical Care Nephrology. Each chapter is dedicated to practical aspects of a particular topic elucidating various management decision points. Each chapter is also accompanied with algorithms, figures and protocols in tabulated format. Information on how to manage specific conditions are contextualized with relevant background anatomy, physiology and biochemistry and practical examples. At the end of the chapter, there are key learning points. Paediatricians, nephrologists and paediatric intensivists, as well as paediatric critical care and nephrology nurses in all countries will find this book an invaluable reference text.

- Written by the creator of Webmin -- the most popular GUI admin tool for Linux
- Webmin is currently downloaded 4000 times a day & -- nearly one million times in the last year!
- Shows how to use Webmin to configure Apache, Sendmail, and other complex Linux servers
- Start developing your own Webmin modules and themes with the complete reference for the API
- Authoritative, hands-on guidance for Skype Business administrators Mastering Skype for Business 2015 gives administrators the comprehensive coverage they need to effectively utilize Skype for Business. Fully up to date for the 2015 release, this guide walks you through industry best practices for planning, design, configuration, deployment, and management with clear instruction and plenty of hands-on exercises. Case studies illustrate the real-world benefits of Unified Communication, and provide expert experiences working with Skype for Business. From server roles, infrastructure, topology, and security to telephony, cloud deployment, and troubleshooting, this guide provides the answers you need and the insight that will make your job easier. Sample automation scripts help streamline your workflow, and full, detailed coverage helps you exploit every capability Skype for Business has to offer. Skype for Business enables more robust video conferencing, and integrates with Office, Exchange, and SharePoint for better on-premises and cloud operations. Organizations are turning to Skype for Business as a viable PBX replacement, and admins need to be up to speed and ready to go. This book provides the clear, explicit instructions you need to: Design, configure, and manage IM, voice mail, PBX, and VoIP Connect to Exchange and deploy Skype for Business in the cloud Manage UC clients and devices, remote access, federation, and public IM Automate management tasks, and implement cross-team backup-and-restore The 2015 version is the first Skype to take advantage of the Windows 10 'touch first' capabilities to provide fast, natural, hands-on control of communications, and users are eager to run VoIP, HD video conferencing, collaboration, instant messaging, and other UC features on their mobile devices. Mastering Skype for Business 2015 helps you get Skype for Business up and running quickly, with hands-on guidance and expert insight. This book provides fundamental information on various techniques for the detection of SARS-CoV-2 including reverse transcriptase (RT) PCR, loop-mediated isothermal amplification, immunodiagnostic tests, and CRISPR-Cas. It reviews various testing kits and detection methodologies that are currently being used for the detection of SARS-CoV-2 and examines strategies for the post-treatment detection and monitoring of SARS-CoV-2. Further, it assesses the diagnostic potential of several SARS-CoV-2 proteins; and analyzes their structural determinants and immunogenicity. In turn, the book evaluates the potential of CRISPR-Cas 12-based assays for the detection of SARS-CoV-2 using RNA extracted from patients. Lastly, it discusses the use of miniaturized biosensors for the detection of other types of coronavirus. Recent years have witnessed considerable speculation about the potential of open data to bring about wide-scale transformation. The bulk of existing evidence about the impact of open data, however, focuses on high-income countries. Much less is known about open data's role and value in low- and middle-income countries, and more generally about its possible contributions to economic and social development. Open Data for Developing Economies features in-depth case studies on how open data is having an impact across the developing world—from an agriculture initiative in Colombia to data-driven healthcare projects in Uganda and South Africa to crisis response in Nepal. The analysis built on these case studies aims to create actionable intelligence regarding: (a) the conditions under which open data is most (and least) effective in development, presented in the form of a Periodic Table of Open Data; (b) strategies to maximize the positive contributions of open data to development; and (c) the means for limiting open data's harms on developing countries. CPT® 2021 Professional Edition is the definitive AMA-authored resource to help health care professionals correctly report and bill medical procedures and services. Providers want accurate reimbursement. Payers want efficient claims processing. Since the CPT® code set is a dynamic, everchanging standard, an outdated codebook does not suffice. Correct reporting and billing of medical procedures and services begins with CPT® 2021 Professional Edition. Only the AMA, with the help of physicians and other experts in the health care community, creates and maintains the CPT code set. No other publisher can claim that. No other codebook can provide the official guidelines to code medical services and procedures properly. FEATURES AND BENEFITS The CPT® 2021 Professional Edition codebook covers hundreds of code, guideline and text changes and features:
  - CPT® Changes, CPT® Assistant, and Clinical Examples in Radiology citations -- provides cross-referenced information in popular AMA resources that can enhance your understanding of the CPT code set
  - E/M 2021 code changes - gives guidelines on the updated codes for office or other outpatient and prolonged services section incorporated A comprehensive index -- aids you in locating codes related to a specific procedure, service, anatomic site, condition, synonym, eponym or abbreviation to allow for a clearer, quicker search
  - Anatomical and procedural illustrations -- help improve coding accuracy and understanding of the anatomy and procedures being discussed
  - Coding tips throughout each section -- improve your understanding of the nuances of the code set
  - Enhanced codebook table of contents -- allows users to perform a quick search of the codebook's entire content without being in a specific section
  - Section-specific table of contents -- provides users with a tool to navigate more effectively through each section's codes
  - Summary of additions, deletions and revisions -- provides a quick reference to 2020 changes without having to refer to previous editions
  - Multiple appendices -- offer quick reference to additional information and resources that cover such topics as modifiers, clinical examples, add-on codes, vascular families, multianalyte assays and telemedicine services
  - Comprehensive E/M code selection tables -- aid physicians and coders in assigning the most appropriate evaluation and management codes
  - Adhesive section tabs -- allow you to flag those sections and pages most relevant to your work
  - More full color procedural illustrations
  - Notes pages at the end of every code set section and subsection
Antarctica is a land about to be exposed over its well-guarded secrets and ancient hidden mysteries ... In 1955, as a result of a secret agreement reached between the Eisenhower Administration and a German breakaway group in Antarctica, a transnational corporate space program began to emerge. The secret infusion of personnel and resources from US military contractors into Antarctica allowed this transnational corporate program to steadily grow into a major space power, which would eventually surpass and eclipse the secret space programs run by the US Navy, Air Force, and the classified space programs of other nations. Whistleblower claims substantiate that many of the classified programs conducted there violate the 1961 Antarctic Treaty, and constitute crimes against humanity due to the abuse of a captive slave labor force. Dr. Michael Salla daringly exposes the major corporations involved in these illegal programs, and how the truth is hidden from company shareholders and the public. Today, Antarctica's secrets are slowly being revealed by the increasing volcanic activity that is melting the massive ice shelves, exposing ancient artifacts and crashed extraterrestrial spacecraft. Full disclosure of Antarctica's history, and current events involving multiple space programs and transnational corporations, will vitally aid in transforming our planet, and prepare humanity for the major geological events that lie ahead as the melting ice unveils all that has previously been hidden. Summary Docker in Practice, Second Edition presents over 100 practical techniques, hand-picked to help you get the most out of Docker. Following a Problem/Solution/Discussion format, you'll walk through specific examples that you can use immediately, and you'll get expert guidance on techniques that you can apply to a whole range of scenarios. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Docker's simple idea—wrapping an application and its dependencies into a single deployable container—created a buzz in the software industry. Now, containers are essential to enterprise infrastructure, and Docker is the undisputed industry standard. So what do you do after you've mastered the basics? To really streamline your applications and transform your dev process, you need relevant examples and experts who can walk you through them. You need this book. About the Book Docker in Practice, Second Edition teaches you rock-solid, tested Docker techniques, such as replacing VMs, enabling microservices architecture, efficient network modeling, offline productivity, and establishing a container-driven continuous delivery process. Following a cookbook-style problem/solution format, you'll explore real-world use cases and learn how to apply the lessons to your own dev projects. What's inside Continuous integration and delivery The Kubernetes orchestration tool Streamlining your cloud workflow Docker in swarm mode Emerging best practices and techniques About the Reader Written for developers and engineers using Docker in production. About the Author Ian Miell and Aidan Hobson Sayers are seasoned infrastructure architects working in the UK. Together, they used Docker to transform DevOps at one of the UK's largest gaming companies. Table of Contents PART 1 - DOCKER FUNDAMENTALS Discovering Docker Understanding Docker: Inside the engine room PART 2 - DOCKER AND DEVELOPMENT Using Docker as a lightweight virtual machine Building images Running containers Day-to-day Docker Configuration management: Getting your house in order PART 3 - DOCKER AND DEVOPS Continuous integration: Speeding up your development pipeline Continuous delivery: A perfect fit for Docker principles Network simulation: Realistic environment testing without the pain PART 4 - ORCHESTRATION FROM A SINGLE MACHINE TO THE CLOUD A primer on container orchestration The data center as an OS with Docker Docker platforms PART 5 - DOCKER IN PRODUCTION Docker and security Plain sailing: Running Docker in production Docker in production: Dealing with challenges For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network. IPv6 is replacing IPv4 to dominate the networking world. This deployment guide will enable you to fully harness the power of IPv6. A "Must have" reference for IT/Networking professionals and students! A stunningly original and timely collection that makes the case for “socialism, American style” It's a strange day when a New York Times conservative columnist is forced to admit that the left is winning, but as David Brooks wrote recently, “the American left is on the cusp of a great victory.” Among Americans under thirty, 43 percent had a favorable view of socialism, while only 32 percent had a favorable view of capitalism. Not since the Great Depression have so many Americans questioned the fundamental tenets of capitalism and expressed openness to a socialist alternative. We Own the Future: Democratic Socialism—American Style offers a road map to making this alternative a reality, giving readers a practical vision of a future that is more democratic, egalitarian, inclusive, and environmentally sustainable. The book includes a crash course in the history and practice of democratic socialism, a vivid picture of what democratic socialism in America might look like in practice, and compelling proposals for how to get there from the age of Trump and beyond. With contributions from some of the nation's leading political activists and analysts, We Own the Future articulates a clear and uncompromising view from the left—a perfectly timed book that will appeal to a wide audience hungry for change. Table of Contents Part I: Is a New America Possible? Introduction Kate Aronoff, Peter Dreier, and Michael Kazin How Socialists Changed America Peter Dreier and Michael Kazin Toward a Third Reconstruction Andrea Flynn, Susan Holmberg, Dorian Warren, and Felicia Wong A Three-Legged Stool for Racial and Economic Justice Darrick Hamilton Democratic Socialism for a Climate-Changed Century Naomi Klein Part II: Expanding Democracy Governing Socialism Bill Fletcher Jr. We the People: Voting Rights, Campaign Finance, and Election Reform J. Mijin Cha Confronting Corporate Power Robert Kuttner Building the People's Banks David Dayen Democracy, Equality, and the Future of Workers Sarita Gupta, Stephen Lerner, and Joseph A. McCartin Who Gets to Be Safe? Prisons, Police, and Terror Aviva Stahl On Immigration: A Socialist Case for Open Borders Michelle Chen On Foreign Policy: War from Above, Solidarity from Below Tejasvi Nagaraja Part III: The Right to a Good Life Livable Cities Thomas J. Sugrue What Does Health Equity Require? Racism and the Limits of Medicare for All Dorothy Roberts The Family of the Future Sarah Leonard Defending and Improving Public Education Pedro Noguera Reclaiming Competition: Sports and Socialism David Zirin What About a Well-Fed Artist? Imagining Cultural Work in a Democratic Socialist Society Francesca Fiorentini How Socialism Surged, and How It Can Go Further Harold Meyerson Afterword: A Day in the Life of a Socialist Citizen Michael Walzer This IBM® Redbooks® publication provides advice and technical information about optimizing and tuning application code to run on systems that are based on the IBM POWER7® and POWER7+™ processors. This advice is drawn from application optimization efforts across many different types of code that runs under the IBM AIX® and Linux operating systems, focusing on the more pervasive performance opportunities that are identified, and how to capitalize on them. The technical information was developed by a set of domain experts at IBM. The focus of this book is to gather the right technical information, and lay out simple guidance for optimizing code performance on the IBM POWER7 and POWER7+ systems that run the AIX or Linux operating systems. This book contains a large amount of straightforward performance optimization that can be performed with minimal effort and without previous experience or in-depth knowledge. This optimization work can:
  - Improve the performance of the application that is being optimized for the POWER7 system
  - Carry over improvements to systems that are based on related processor chips
  - Improve performance on other platforms
The audience of this book is those personnel who are responsible for performing migration and implementation activities on IBM POWER7-based servers, which includes system administrators, system architects, network administrators, information architects, and database administrators (DBAs). This updated and expanded edition of a valuable handbook for home buyers and sellers defines and explains more than 2,500 real estate terms related to mortgages and financing, brokerage law, architecture, rentals and leases, property insurance, and much more. The text is supplemented with more than 200 line illustrations plus graphs, charts, and tables. A new method of modeling the atmosphere, synthesizing data analysis techniques and multifractal statistics, for atmospheric researchers and graduate students.

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