

Carrier 30gb Manual

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Absolute OpenBSD, 2nd Edition - Michael W. Lucas 2013-04-15

OpenBSD, the elegant, highly secure Unix-like operating system, is widely used as the basis for critical DNS servers, routers, firewalls, and more. This long-awaited second edition of Absolute OpenBSD maintains author Michael Lucas's trademark straightforward and practical approach that readers have enjoyed for years. You'll learn the intricacies of the platform, the technical details behind certain design decisions, and best practices, with bits of humor sprinkled throughout. This edition has been completely updated for OpenBSD 5.3, including new coverage of OpenBSD's boot system, security features like W^X and ProPolice, and advanced networking techniques. You'll learn how to:

- Manage network traffic with VLANs, trunks, IPv6, and the PF packet filter
- Make software management quick and effective using the ports and packages system
- Give users only the access they need with groups, sudo, and chroots
- Configure OpenBSD's secure implementations of SNMP, DHCP, NTP, hardware sensors, and more
- Customize the installation and upgrade processes for your network and hardware, or build a custom OpenBSD release

Whether you're a new user looking for a complete introduction to OpenBSD or an experienced sysadmin looking for a refresher, Absolute OpenBSD, 2nd Edition will give you everything you need to master the intricacies of the world's most secure operating system.

The Transparent Society - David Brin 1999-05-07
Argues that the privacy of individuals actually hampers accountability, which is the foundation of any civilized society and that openness is far more liberating than secrecy

EnCase Computer Forensics -- The Official EnCE - Steve Bunting 2012-09-14

The official, Guidance Software-approved book on the newest EnCE exam! The EnCE exam tests that computer forensic analysts and examiners have thoroughly mastered computer investigation methodologies, as well as the use of Guidance Software's EnCase Forensic 7. The only official Guidance-endorsed study guide on the topic, this book prepares you for the exam with extensive coverage of all exam topics, real-world scenarios, hands-on exercises, up-to-date legal information, and sample evidence files, flashcards, and more. Guides readers through preparation for the newest EnCase Certified Examiner (EnCE) exam Prepares candidates for both Phase 1 and Phase 2 of the exam, as well as for practical use of the certification Covers identifying and searching hardware and files systems, handling evidence on the scene, and acquiring digital evidence using EnCase Forensic 7 Includes hands-on exercises, practice questions, and up-to-date legal information Sample evidence files, Sybex Test Engine, electronic flashcards, and more If you're preparing for the new EnCE exam, this is the study guide you need.

2016 8th International Conference on Cyber Conflict (CyCon) - IEEE Staff 2016-05-31

In today's increasingly complex cyberspace we see a variety of actors struggling to gain or maintain their position The ubiquitous use of information and communication technologies has had a profound influence on how these actors pursue their goals and interests The 8th International Conference on Cyber Conflict (CyCon 2016) will focus on cyber power as one of the core elements of relations between

different stakeholders and will discuss how the traditional concept of power applies to cyberspace Both hard and soft power are being employed to achieve strategic and political goals through technical, legal and economic means But how can we assess such power? How can we ensure that such power remains in the right hands? How can we ensure or enforce cyber power without risking conflict escalation? How can we respond to exercises of this power with the right tools and measures? Is there a way to maintain a balance of power in cyberspace?

IBM Cloud Private System Administrator's Guide - Ahmed Azraq 2019-05-13

IBM® Cloud Private is an application platform for developing and managing containerized applications across hybrid cloud environments, on-premises and public clouds. It is an integrated environment for managing containers that includes the container orchestrator Kubernetes, a private image registry, a management console, and monitoring frameworks. This IBM Redbooks covers tasks performed by IBM Cloud Private system administrators such as installation for high availability, configuration, backup and restore, using persistent volumes, networking, security, logging and monitoring. Istio integration, troubleshooting and so on. As part of this project we also developed several code examples and you can download those from the IBM Redbooks GitHub location:

<https://github.com/IBMRedbooks>. The authors team has many years of experience in implementing IBM Cloud Private and other cloud solutions in production environments, so throughout this document we took the approach of providing you the recommended practices in those areas. If you are an IBM Cloud Private system administrator, this book is for you. If you are developing applications on IBM Cloud Private, you can see the IBM Redbooks publication IBM Cloud Private Application Developer's Guide, SG24-8441.

Official Google Cloud Certified Associate Cloud Engineer Study Guide - Dan Sullivan 2019-04-01

The Only Official Google Cloud Study Guide The Official Google Cloud Certified Associate Cloud Engineer Study Guide, provides everything you need to prepare for this important exam and master the skills necessary to land that coveted

Google Cloud Engineering certification.

Beginning with a pre-book assessment quiz to evaluate what you know before you begin, each chapter features exam objectives and review questions, plus the online learning environment includes additional complete practice tests. Written by Dan Sullivan, a popular and experienced online course author for machine learning, big data, and Cloud topics, Official Google Cloud Certified Associate Cloud Engineer Study Guide is your ace in the hole for deploying and managing Google Cloud Services. • Select the right Google service from the various choices based on the application to be built • Compute with Cloud VMs and managing VMs • Plan and deploying storage • Network and configure access and security Google Cloud Platform is a leading public cloud that provides its users to many of the same software, hardware, and networking infrastructure used to power Google services. Businesses, organizations, and individuals can launch servers in minutes, store petabytes of data, and implement global virtual clouds with the Google Cloud Platform. Certified Associate Cloud Engineers have demonstrated the knowledge and skills needed to deploy and operate infrastructure, services, and networks in the Google Cloud. This exam guide is designed to help you understand the Google Cloud Platform in depth so that you can meet the needs of those operating resources in the Google Cloud.

Windows Server 2008 For Dummies - Ed Tittel 2011-02-02

If you're curious, but hesitant, about finding your way around Microsoft's new Windows Server 2008, Windows Server 2008 For Dummies is the book for you. This friendly reference shows you everything you need to know — from installation and deployment to building and running a Windows Server 2008 network. Server-based networking really is a big deal, and this 100% plain-English guide helps you make the most of it. You'll find out about Windows Server 2008's important functions, capabilities and requirements; develop a network implementation plan; take a step-by-step walkthrough of the installation process; and get valuable tips on how to boost your bandwidth beyond belief! Before you know it, you'll be configuring connections to the

Universe, working with active directory, and treating domains and controllers like old pals. Discover how to: Build and connect your network Install and configure Windows Server 2008 Set up and manage directory services Manage users and groups Install and manage print servers Secure your network Troubleshoot active networks Plan for installing Active Directory Proclaim and manage your own domain Resolve names between TCP/IP and NetBIOS Manage shares, permissions, and more Develop and implement a regular backup protocol Windows Server 2008 For Dummies may be easy-going, but it's simply packed with need-to-know stuff that will send you diving into Windows Server 2008 experience just for the fun of it. So start now!

Advances in Digital Forensics XII - Gilbert Peterson 2016-09-19

Digital forensics deals with the acquisition, preservation, examination, analysis and presentation of electronic evidence. Networked computing, wireless communications and portable electronic devices have expanded the role of digital forensics beyond traditional computer crime investigations. Practically every crime now involves some aspect of digital evidence; digital forensics provides the techniques and tools to articulate this evidence. Digital forensics also has myriad intelligence applications. Furthermore, it has a vital role in information assurance -- investigations of security breaches yield valuable information that can be used to design more secure systems. *Advances in Digital Forensics XII* describes original research results and innovative applications in the discipline of digital forensics. In addition, it highlights some of the major technical and legal issues related to digital evidence and electronic crime investigations. The areas of coverage include: Themes and Issues, Mobile Device Forensics, Network Forensics, Cloud Forensics, Social Media Forensics, Image Forensics, Forensic Techniques, and Forensic Tools. This book is the twelfth volume in the annual series produced by the International Federation for Information Processing (IFIP) Working Group 11.9 on Digital Forensics, an international community of scientists, engineers and practitioners dedicated to advancing the state of the art of research and

practice in digital forensics. The book contains a selection of twenty edited papers from the Twelfth Annual IFIP WG 11.9 International Conference on Digital Forensics, held in New Delhi, India in the winter of 2016. *Advances in Digital Forensics XII* is an important resource for researchers, faculty members and graduate students, as well as for practitioners and individuals engaged in research and development efforts for the law enforcement and intelligence communities. Gilbert Peterson, Chair, IFIP WG 11.9 on Digital Forensics, is a Professor of Computer Engineering at the Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, USA. Sujeet Sheno is the F.P. Walter Professor of Computer Science and a Professor of Chemical Engineering at the University of Tulsa, Tulsa, Oklahoma, USA.

Next Generation Information Technologies and Systems - Opher Etzion 2006-06-20

This book constitutes the refereed proceedings of the 6th International Workshop on Next Generation Information Technologies and Systems, NGITS 2006, held in Kibbutz Shefayim, Israel, July 2006. The book presents 28 revised full papers and four revised short papers together with three invited papers. Topical sections include information integration, next generation applications, information systems development, security and privacy, semi-structured data, frameworks, models and taxonomies, simulation and incremental computing, and more.

Automotive Antifreezes - Frank L. Howard 1956

Practical Cyber Forensics - Niranjana Reddy 2019-07-16

Become an effective cyber forensics investigator and gain a collection of practical, efficient techniques to get the job done. Diving straight into a discussion of anti-forensic techniques, this book shows you the many ways to effectively detect them. Now that you know what you are looking for, you'll shift your focus to network forensics, where you cover the various tools available to make your network forensics process less complicated. Following this, you will work with cloud and mobile forensic techniques by considering the concept of forensics as a service (FaSS), giving you cutting-edge skills that will future-proof your career. Building on

this, you will learn the process of breaking down malware attacks, web attacks, and email scams with case studies to give you a clearer view of the techniques to be followed. Another tricky technique is SSD forensics, so the author covers this in detail to give you the alternative analysis techniques you'll need. To keep you up to speed on contemporary forensics, Practical Cyber Forensics includes a chapter on Bitcoin forensics, where key crypto-currency forensic techniques will be shared. Finally, you will see how to prepare accurate investigative reports. What You Will Learn Carry out forensic investigation on Windows, Linux, and macOS systems Detect and counter anti-forensic techniques Deploy network, cloud, and mobile forensics Investigate web and malware attacks Write efficient investigative reports Who This Book Is For Intermediate infosec professionals looking for a practical approach to investigative cyber forensics techniques.

Clinical Molecular Diagnostics - Shiyang Pan
2021-07-08

This book covers the discovery of molecular biomarkers, the development of laboratory testing techniques and their clinical applications, focusing on basic research to clinical practice. It introduces new and crucial knowledge and ethics of clinical molecular diagnosis. This book emphasizes the applications of clinical molecular diagnostic test on health management, especially from different diseased organs. It lets readers to understand and realize precision healthcare.

F5 Networks TMOS Administration Study Guide
- Philip Jönsson 2018-02-26

From the authors of the best-selling, highly rated F5 Application Delivery Fundamentals Study Guide comes the next book in the series covering the 201 TMOS Administration exam. Whether you're a novice or heavyweight, the book is designed to provide you with everything you need to know and understand in order to pass the exam and become an F5 Certified BIG-IP Administrator at last. All network, protocol and application level subjects and F5 specific topics found in the exam blueprint are covered in full and in detail. The book is useful not only for those planning to achieve the certification but also for administrators working with BIG-IP platforms every day who wish to widen their

knowledge or have a reference to hand when necessary. The book contains over 350 diagrams, over 90 test questions and a number of lab exercises to aid and re-enforce understanding and assist in preparing for the exam. A full guide to setting up a virtual lab environment is also included. Download of the PDF file has been disabled. To download the lab components, please visit <https://www.f5books.eu/building-your-own-lab/>
Building Services - 1985-05

Apple Confidential 2.0 - Owen W. Linzmayer
2004

Chronicles the best and the worst of Apple Computer's remarkable story.

Security, Privacy, and Anonymity in Computation, Communication, and Storage - Guojun Wang 2019

This book constitutes the refereed proceedings of six symposiums and two workshops co-located with SpaCCS 2019, the 12th International Conference on Security, Privacy, and Anonymity in Computation, Communication, and Storage. The 26 full papers were carefully reviewed and selected from 75 submissions. This year's symposiums and workshops are: SPIoT 2019 - Security and Privacy of Internet of Things; TSP 2019 - Trust, Security and Privacy for Emerging Applications; SCS 2019 - Sensor-Cloud Systems; UbiSafe 2019 - UbiSafe Computing; ISSR 2019 - Security in e-Science and e-Research; CMRM 2019 - Cybersecurity Metrics and Risk Modeling.

Aspects of the Computer-based Patient Record - Harold P. Lehmann 2013-06-29

One of the hottest political issues today concerns ways to improve national healthcare systems without incurring further costs. An extensive study by the Institute of Medicine (IOM) in the United States formally reported that computer-based patient records are absolutely necessary to help contain the cost explosion in health care. The information obtained from experts, the studies conducted, and the conclusions that went into the IOM's report have now been collected in Aspects of the Computer-Based Patient Record. A large portion of the volume discusses the state-of-the-art in existing computer-based systems as well as the essential needs which must be addressed by future computer-based patients' records. A final section

in the book discusses implementation strategies for changing to the electronic system and practical issues: Who will bear the final cost? How and when will healthcare providers who use the system be trained? This volume contains the concise, valuable information which hospital administrators, hospital systems designers, third-party payer groups, and medical technology providers will need if they hope to successfully transit to hospital systems which use a computer-based patient record.

Postmortems from Game Developer - Austin Grossman 2013-04-02

The popular Postmortem column in Game Developer magazine features firsthand accounts of how some of the most important and successful games of recent years have been made. This book offers the opportunity to harvest this expertise with one volume. The editor has organized the articles by theme and added previously unpublished analysis to reveal successful management techniques. Readers learn how superstars of the game industry like Peter Molyneux and Warren Spector have dealt with the development challenges such as managing complexity, software and game design issues, schedule challenges, and changing staff needs.

"Only the Super-Rich Can Save Us!" - Ralph Nader 2011-01-04

"In the cozy den of the large but modest house in Omaha where he has lived since he started on his first billion, Warren Buffett watched the horrors of Hurricane Katrina unfold on television in early September 2005. . . . On the fourth day, he beheld in disbelief the paralysis of local, state, and federal authorities unable to commence basic operations of rescue and sustenance, not just in New Orleans, but in towns and villages all along the Gulf Coast. . . He knew exactly what he had to do. . ." So begins the vivid fictional account by political activist and bestselling author Ralph Nader that answers the question, "What if?" What if a cadre of superrich individuals tried to become a driving force in America to organize and institutionalize the interests of the citizens of this troubled nation? What if some of America's most powerful individuals decided it was time to fix our government and return the power to the people? What if they focused their power on unionizing

Wal-Mart? What if a national political party were formed with the sole purpose of advancing clean elections? What if these seventeen superrich individuals decided to galvanize a movement for alternative forms of energy that will effectively clean up the environment? What if together they took on corporate goliaths and Congress to provide the necessities of life and advance the solutions so long left on the shelf by an avaricious oligarchy? What could happen? This extraordinary story, written by the author who knows the most about citizen action, returns us to the literature of American social movements—to Edward Bellamy, to Upton Sinclair, to John Steinbeck, to Stephen Crane—reminding us in the process that changing the body politic of America starts with imagination.

Amazon Web Services For Dummies - Bernard Golden 2013-08-09

Create dynamic cloud-based websites with Amazon Web Services and this friendly guide! As the largest cloud computing platform in the world, Amazon Web Services (AWS) provides one of the most popular web services options available. This easy-to-understand guide is the perfect introduction to the Amazon Web Services platform and all it can do for you. You'll learn about the Amazon Web Services tool set; how different web services (including S3, Amazon EC2, and Amazon Flexible Payments) and Glacier work; and how you can implement AWS in your organization. Explains how to use Amazon Web Services to store objects, take payments, manage large quantities of data, send e-mails, deploy push notifications, and more from your website Details how AWS can reduce costs, improve efficiency, increase productivity, and cut down on expensive hardware investments - and administrative headaches - in your organization Includes practical examples and helpful step-by-step lists to help you experiment with different AWS features and create a robust website that meets your needs Amazon Web Services For Dummies is exactly what you need to get your head in the cloud with Amazon Web Services!

JNCIA: Juniper Networks Certified Internet Associate Study Guide - Joseph M. Soricelli 2006-02-20

Here's the book you need to prepare for the

JNCIA exam, JN0-201, from Juniper Networks. Written by a team of Juniper Network trainers and engineers, this Study Guide provides: Assessment testing to focus and direct your studies In-depth coverage of official test objectives Hundreds of challenging practice questions, in the book and on the CD Authoritative coverage of all test objectives, including: Working with the JUNOS software Implementing Juniper Networks boot devices Troubleshooting Routing Information Protocol Implementing a routing policy Configuring and monitoring an OSPF Network Implementing Border Gateway Protocol Monitoring and troubleshooting an IS-IS network Understanding the Reverse Path Forwarding process Operating firewall filters Using Multiprotocol Label Switching Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Strategic Innovation - Allan Afuah 2009-04-01 In today's fast-changing business environment, those firms that want to remain competitive must also be innovative. Innovation is not simply about developing new technologies into new products or services, but in many cases, finding new models for doing business in the face of change. It often entails changing the rules of the game. *Strategic Innovation* demonstrates to students how to create and appropriate value using new game strategies to gain competitive advantage. The book begins with a summary of the major strategic frameworks and showing the origins of strategic innovation. Next, Afuah gives a thorough examination of contemporary strategy from an innovation standpoint, including: how to develop strategy in the face of change a detailed framework for assessing the profitability potential of a strategy or product consideration of how both for-profit and non-profit organizations can benefit from new game strategies. With a wealth of quantitative examples of successful strategies, as well as descriptive cases, *Strategic Innovation* will complement courses in strategy, and technology and innovation.

Smart Homes For Dummies - Danny Briere 2011-02-09

Do you long to listen to your favorite CD from anywhere in your house? To set up a wireless network so you can access the Internet in any

room? To install an iron-clad security system? To fire up the coffee pot while you're still asleep and wake up with automated lighting? Smart home technology can help you do just that! *Smart Homes For Dummies*, Third Edition, shows you how easy it can be to create and live in a cutting-edge, fully connected home—without breaking your bank account. With this user-friendly guide, you'll discover all the latest trends and gadgets in home networking, automation, and control that will help you make life more enjoyable and comfortable for your entire family. We help you plan for things such as flat-screen TVs, intercom systems, whole-home audio systems, gaming consoles, and satellite systems. We talk about your wiring (and wireless) options and introduce you to the latest technologies, such as VoIP and Bluetooth. You'll see how to: Build your home network on a budget Turn your home into an entertainment center Access the Internet from any room Get VoIP on your phone network Boost in-home wireless and cell phone signals Connect your computer to your TV Secure your home and property Increase your home's resale value Avoid common networking pitfalls And much, much more Complete with a resource list for more information and neat toys of the future, *Smart Homes For Dummies* is your plain-English, twenty-first century guide to a fully wired home!

Radar Instruction Manual - United States. Maritime Administration 2005 Since 1958 the Maritime Administration has continuously conducted instructions in use of collision avoidance radar for qualified U.S. seafaring personnel and representatives of interested Federal and State Agencies. Beginning in 1963, to facilitate the expansion of training capabilities and at the same time to provide the most modern techniques in training methods, radar simulators were installed in Maritime Administration's three region schools. It soon became apparent that to properly instruct the trainees, even with the advanced equipment, a standardize up-to-date instruction manual was needed. The first manual was later revised to serve both as a classroom textbook and as an onboard reference handbook. This newly updated manual, the fourth revision, in keeping with Maritime Administration policy, has been

restructured to include improved and more effective methods of plotting techniques for use in Ocean, Great Lakes, Coastwise and Inland Waters navigation. Robert J. Blackwell Assistant Secretary for Maritime Affairs

Bioinformatics for Cancer Immunotherapy - Sebastian Boegel 2021-03-17

This volume focuses on a variety of in silico protocols of the latest bioinformatics tools and computational pipelines developed for neo-antigen identification and immune cell analysis from high-throughput sequencing data for cancer immunotherapy. The chapters in this book cover topics that discuss the two emerging concepts in recognition of tumor cells using endogenous T cells: cancer vaccines against neo-antigens presented on HLA class I and II alleles, and checkpoint inhibitors. Written in the highly successful Methods in Molecular Biology series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Cutting-edge and authoritative, *Bioinformatics for Cancer Immunotherapy: Methods and Protocols* is a valuable research tool for any scientist and researcher interested in learning more about this exciting and developing field.

Conservation Research in Libraries - David Howell 2020-06-08

Conservation research in libraries is a rapidly growing field. This book places analysis within its context in conservation and provides examples of how this expensive resource can be used. Through a series of case studies, it describes major analytical procedures, including visualization, molecular, elemental and separation techniques as well as chemical tests. It is thus a suitable reference work for library conservators and curators. Please note: Despite careful production of our books, sometimes mistakes happen. Unfortunately, the authorship for some chapters wasn't correct in the original publication. Chapter 5 was written by Andrew Beeby and David Howell as co-author, chapter 6 by Kelly Domoney and David Howell as co-author, and chapter 9 is authored by Anita Quye. This will be corrected. We apologize for the mistake.

Pragmatic Thinking and Learning - Andy Hunt

2008-10-28

Printed in full color. Software development happens in your head. Not in an editor, IDE, or design tool. You're well educated on how to work with software and hardware, but what about wetware--our own brains? Learning new skills and new technology is critical to your career, and it's all in your head. In this book by Andy Hunt, you'll learn how our brains are wired, and how to take advantage of your brain's architecture. You'll learn new tricks and tipstolearn more, faster, and retain more of what you learn. You need a pragmatic approach to thinking and learning. You need to Refactor Your Wetware. Programmers have to learn constantly; not just the stereotypical new technologies, but also the problem domain of the application, the whims of the user community, the quirks of your teammates, the shifting sands of the industry, and the evolving characteristics of the project itself as it is built. We'll journey together through bits of cognitive and neuroscience, learning and behavioral theory. You'll see some surprising aspects of how our brains work, and how you can take advantage of the system to improve your own learning and thinking skills. In this book you'll learn how to: Use the Dreyfus Model of Skill Acquisition to become more expert Leverage the architecture of the brain to strengthen different thinking modes Avoid common "known bugs" in your mind Learn more deliberately and more effectively Manage knowledge more efficiently

Mac 911 - Christopher Breen 2002

This easy-to-use guide covers troubleshooting tips and tricks for Mac hardware and software, written by the well-known Macworld columnist and Macintosh guru Chris Breen. The book contains troubleshooting tips and techniques for both Mac OS 9 and OS X, and additional projects for making a Macintosh more productive-sharing files, making Mac OS X work more like Mac OS 9, and more.

Formal Methods for Industrial Critical Systems - Stefan Kowalewski 2010-09-09

This book constitutes the proceedings of the 15th International Workshop on Formal Methods for Industrial Critical Systems, FMICS 2010 held in Antwerp, Belgium, in September 2010 - co-located with ASE 2010, the 25th IEEE/ACM International Conference on Automated

Software Engineering, The 14 papers presented were carefully reviewed and selected from 33 submissions. The aim of the FMICS workshop series is to provide a forum for researchers who are interested in the development and application of formal methods in industry. It also strives to promote research and development for the improvement of formal methods and tools for industrial applications.

F5 Networks TMOS Administration Study Guide - Black and White Edition - Philip Jönsson 2018-03-04

From the authors of the best-selling, highly rated F5 Application Delivery Fundamentals Study Guide comes the next book in the series covering the 201 TMOS Administration exam. Whether you're a novice or heavyweight, the book is designed to provide you with everything you need to know and understand in order to pass the exam and become an F5 Certified BIG-IP Administrator at last. All network, protocol and application level subjects and F5 specific topics found in the exam blueprint are covered in full and in detail. Within you'll find 22 chapters, 350 diagrams and over 90 test questions and a number of lab exercises to aid and re-enforce understanding and assist in preparing for the exam. A full guide to setting up a virtual lab environment is also included. The book teaches you how to setup, configure, troubleshoot and maintain your BIG-IP system and offers both best practices as well as real-life experiences.

Mac Life - 2007-07

Web Caching - Duane Wessels 2001

On the World Wide Web, speed and efficiency are vital. Users have little patience for slow web pages, while network administrators want to make the most of their available bandwidth. A properly designed web cache reduces network traffic and improves access times to popular web sites--a boon to network administrators and web users alike. Web Caching hands you all the technical information you need to design, deploy, and operate an effective web caching service. It starts with the basics of how web caching works, from the HTTP headers that govern cachability to cache validation and replacement algorithms. Topics covered in this book include: Designing an effective cache

solution Configuring web browsers to use a cache Setting up a collection of caches that can talk to each other Configuring an interception cache or proxy Monitoring and fine-tuning the performance of a cache Configuring web servers to cooperate with web caches Benchmarking cache products The book also covers the important political aspects of web caching, including privacy, intellectual property, and security issues. Internet service providers, large corporations, or educational institutions--in short, any network that provides connectivity to a wide variety of users--can reap enormous benefit from running a well-tuned web caching service. Web Caching shows you how to do it right.

Congressional Record - United States. Congress 2001

POWER7 and POWER7+ Optimization and Tuning Guide - Brian Hall 2013-03-04

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).

Home Networking Bible - Sue Plumley

2004-07-30

Everything you need to know to set up a home network Is a home network for you? This comprehensive guide coverseverything from deciding what type of network meets your needs tosetting up the hardware and software, connecting differentoperating systems, installing the necessary applications, managingthe network, and even adding home entertainment devices. Fullyupdated with new material on all the latest systems and methods,it's just what you need to set up your network and keep it runningsafely and successfully. Inside, you'll find complete coverage of home networking *

- Compare the advantages and disadvantages of wired and wirelesnetworks *
- Understand how to choose between workgroup and client/servernetworking *
- Learn how to install and set up cables and routers and how toinstall and configure networking software *
- Share files, printers, and a single Internet connection *
- Back up files and secure your network *
- Set up your own home intranet and understand the technologiesinvolved in creating a Web page *
- Manage your network and learn to use tools for locating andreparing problems *
- Expand your home network to include your digital camera, scanner,TV, sound system, and even game consoles *
- Explore SmartHome technology that allows you to automate varioushousehold functions *
- Investigate how your network can enable tele-commuting and otherremote access capabilities

The Official Ubuntu Server Book - Kyle Rankin

2009-07-17

Ubuntu Server is a complete, free server operating system that just works, with the extra Ubuntu polish, innovation, and simplicity that administrators love. Now, there's a definitive, authoritative guide to getting up-and-running quickly with the newest, most powerful versions of Ubuntu Server. Written by leading members of the Ubuntu community, The Official Ubuntu Server Book covers all you need to know to make the most of Ubuntu Server, whether you're a beginner or a battle-hardened senior system administrator. The authors cover Ubuntu Server

from start to finish: installation, basic administration and monitoring, security, backup, troubleshooting, system rescue, and much more. They walk through deploying each of the most common server applications, from file and print services to state-of-the-art, cost-saving virtualization. In addition, you'll learn how to Make the most of Ubuntu Server's latest, most powerful technologies Discover easy, fast ways to perform key administration tasks Automate Ubuntu installs, no matter how many servers you're installing Quickly set up low-cost web servers and email Protect your server with Ubuntu's built-in and optional security tools Minimize downtime with fault tolerance and clustering Master proven, step-by-step server and network troubleshooting techniques Walk through rescuing an Ubuntu server that won't boot

Circular RNAs - Christoph Dieterich

2018-01-10

This volume provides established approaches for identifying, characterizing, and manipulating circRNAs in vitro, in vivo, and in silico. Chapters highlight the breakthroughs and the challenges in this new field of research. Written in the highly successful Methods in Molecular Biology series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Authoritative and practical, Circular RNAs: Methods and Protocols aims to useful and informative for further study into this vital field.

Expert Oracle SQL - Tony Hasler 2014-07-05

Expert Oracle SQL: Optimization, Deployment, and Statistics is about optimizing individual SQL statements, especially on production database systems. This Oracle-specific book begins by assuming you have already identified a particular SQL statement and are considering taking steps to improve its performance. The book describes a systematic process by which to diagnose a problem statement, identify a fix, and to implement that fix safely in a production system. You'll learn not only to improve performance when it is too slow, but also to stabilize performance when it is too variable. You'll learn about system statistics and how the Cost-Based Optimizer uses them to determine a

suitable execution plan for a given statement. That knowledge provides the foundation from which to identify the root cause, and to stabilize and improve performance. Next after identifying a problem and the underlying root cause is to put in place a solution. Expert Oracle SQL: Optimization, Deployment, and Statistics explains how to apply various remedies such as changing the SQL statement, adding hints, changing the physical design, and more, and how they can be brought to bear on fixing a problem once and for all. Rolling a change out smoothly is an important topic when dealing with tuning and optimization. Expert Oracle SQL: Optimization, Deployment, and Statistics does not let you down in this critical area. The book contains two chapters of good information from an experienced professional on how to safely deploy changes into production so that your systems remaining running and available throughout the deployment process. Describes a systematic approach to tuning Oracle SQL Explains how things are supposed to work, what can go wrong, and how to fix it Takes you through the steps needed to stabilize performance in your production systems

Elementary Principles of Chemical Processes, 3rd Edition 2005 Edition

Integrated Media and Study Tools, with Student Workbook - Richard M. Felder
2005-02-02

This best selling text prepares students to formulate and solve material and energy balances in chemical process systems and lays the foundation for subsequent courses in chemical engineering. The text provides a realistic, informative, and positive introduction to the practice of chemical engineering. The Integrated Media Edition update provides a stronger link between the text, media supplements, and new student workbook.

Materials for Advanced Packaging - Daniel Lu
2016-11-18

Significant progress has been made in advanced packaging in recent years. Several new packaging techniques have been developed and new packaging materials have been introduced. This book provides a comprehensive overview of the recent developments in this industry, particularly in the areas of microelectronics, optoelectronics, digital health, and bio-medical applications. The book discusses established techniques, as well as emerging technologies, in order to provide readers with the most up-to-date developments in advanced packaging.