Safenet Authentication Service Token Guide

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Beginning Ethical Hacking with Kali Linux - Sanjib Sinha 2018-11-29
Get started in white-hat ethical hacking using Kali Linux. This book starts off by giving you an overview of security trends, where you will learn the OSI security architecture. This will form the foundation for the rest of Beginning Ethical Hacking with Kali Linux. With the theory out of the way, you'll move on to an introduction to VirtualBox, networking, and common Linux commands, followed by the step-by-step procedure to build your own web server and acquire the skill to be anonymous . When you have finished the examples in the first part of your book, you will have all you need to carry out safe and ethical hacking experiments. After

an introduction to Kali Linux, you will carry out your first penetration tests with Python and code raw binary packets for use in those tests. You will learn how to find secret directories on a target system, use a TCP client in Python, and scan ports using NMAP. Along the way you will discover effective ways to collect important information, track email, and use important tools such as DMITRY and Maltego, as well as take a look at the five phases of penetration testing. The coverage of vulnerability analysis includes sniffing and spoofing, why ARP poisoning is a threat, how SniffJoke prevents poisoning, how to analyze protocols with Wireshark, and using sniffing packets with Scapy. The next part of the book shows you detecting SQL injection vulnerabilities, using sqlmap, and applying brute force or password attacks. Besides learning these tools, you will see how to use OpenVas, Nikto, Vega, and Burp Suite. The book will explain the information assurance model and the hacking framework Metasploit, taking you through important commands, exploit and payload basics. Moving on to hashes and passwords you will learn password testing and hacking techniques with John the Ripper and Rainbow. You will then dive into classic and modern encryption techniques where you will learn the conventional cryptosystem. In the final chapter you will acquire the skill of exploiting remote Windows and Linux systems and you will learn how to own a target completely. What You Will LearnMaster common Linux commands and networking techniques Build your own Kali web server and learn to be anonymous Carry out penetration testing using Python Detect sniffing attacks and SQL injection vulnerabilities Learn tools such as SniffJoke, Wireshark, Scapy, sqlmap, OpenVas, Nikto, and Burp Suite Use Metasploit with Kali Linux Exploit remote Windows and Linux systemsWho This Book Is For Developers new to ethical hacking with a basic understanding of Linux programming. Reference Manual for Magnetic Resonance

Safety, Implants, and Devices - Frank G. Shellock 2010-01-01
Completely revised and updated every year, this essential manual provides the latest guidelines and recommendations for the efficient and safe use of MR imaging for both patients and healthcare providers. It offers detailed guidance on 'how to' and 'when not to' scan 40 categories of implants, devices, materials and other products based on the results of clinical studies and case reports. An alphabetical list of nearly 1,000 objects describes their safety status and the highest strength of the static magnetic field of the MR system that was used for safety testing of the object. Its handy size makes it perfect

Architecting Modern Data Platforms - Jan Kunigk 2018-12-05
There's a lot of information about big data technologies, but splicing these technologies into an end-to-end enterprise data platform is a daunting task not widely covered. With this practical book, you'll learn how to build big data infrastructure both on-premises and in the cloud and successfully architect a modern data platform. Ideal for enterprise architects, IT managers, application architects, and data engineers, this book shows you how to overcome the many challenges that emerge during Hadoop projects. You'll explore the vast landscape of tools available in the Hadoop and big data realm in a thorough technical primer before diving into: Infrastructure: Look at all component layers in a modern data platform, from the server to the data center, to establish a solid foundation for data in your enterprise Platform: Understand aspects of deployment, operation, security, high availability, and disaster recovery, along with everything you need to know to integrate your platform with the rest of your enterprise IT Taking Hadoop to the cloud: Learn the important architectural aspects of running a big data platform in the cloud while maintaining enterprise security and high availability

Network World - 1998-08-24
For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

AWS Certified SysOps Administrator Study Guide with Online Labs - Sara Perrott 2020-07-21
Virtual, hands-on learning labs allow you to apply your technical skills in realistic environments. So Sybex has bundled AWS labs from XtremeLabs with our popular AWS Certified SysOps Administrator Study Guide to give you the same experience working in these labs as you prepare for the Certified SysOps Administrator Exam that you would face in a real-life application. These labs in addition to the book are a proven way to prepare for the certification and for work as an AWS SysOps Administrator. This comprehensive book guides readers through the role of a SysOps Administrator and helps prepare candidates to take the updated AWS Certified SysOps Administrator—Associate (SOA-C01) Exam. The AWS Certified SysOps Administrator—Associate certification validates technical expertise in deployment, management, and operations on the AWS platform. This Study Guide not only prepares readers for the AWS exam, but it makes sure the reader is ready to perform the duties expected of SysOps Administrators. The book focuses on the skill-set required of AWS professionals by filling in the gap between test preparation and real-world preparedness. Concepts covered include: Monitoring and Reporting High Availability Deployment and Provisioning Storage and Dada Management Security and Compliance Networking

Automation and Optimization And More Readers will also have one year of free access to the Sybex interactive online learning environment and test bank, providing a suite of robust study tools including an assessment test, chapter tests, bonus practice exam, electronic flashcards, and a glossary of key terms. And included with this version of the book, XtremeLabs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months unlimited access to XtremeLabs AWS Certified SysOps Administrator Labs with 6 unique lab modules based on the book.

AWS Certified Developer Official Study Guide, Associate Exam - Nick Alteen 2019-08-23 Foreword by Werner Vogels, Vice President and Corporate Technology Officer, Amazon The AWS exam has been updated. Your study guide should be, too. The AWS Certified Developer Official Study Guide–Associate Exam is your ultimate preparation resource for the latest exam! Covering all exam objectives, this invaluable resource puts a team of AWS experts at your side with expert guidance, clear explanations, and the wisdom of experience with AWS best practices. You'll master core services and basic architecture, and equip yourself to develop, deploy, and debug cloud-based applications using AWS. The AWS Developer certification is earned by those who demonstrate the technical knowledge and skill associated with best practices for building secure, reliable cloud-based applications using AWS technology. This book is your official exam prep companion, providing everything you need to know to pass with flying colors. Study the AWS Certified Developer Exam objectives Gain expert insight on core AWS services and best practices Test your understanding of key concepts with challenging chapter questions Access online study tools including electronic flashcards, a searchable glossary, practice exams, and more Cloud computing offers businesses the opportunity to replace up-front capital

infrastructure expenses with low, variable costs that scale as they grow. This customized responsiveness has negated the need for far-future infrastructure planning, putting thousands of servers at their disposal as needed—and businesses have responded, propelling AWS to the number-one spot among cloud service providers. Now these businesses need qualified AWS developers, and the AWS certification validates the exact skills and knowledge they're looking for. When you're ready to get serious about your cloud credentials, the AWS Certified Developer Official Study Guide–Associate Exam is the resource you need to pass the exam with flying colors. NOTE: As of October 7, 2019, the accompanying code for hands-on exercises in the book is available for downloading from the secure Resources area in the online test bank. You'll find code for Chapters 1, 2, 11, and 12.

Plunkett's Infotech Industry Almanac 2009 - Plunkett Research Ltd 2009-02

Market research guide to the infotech industry a tool for strategic planning, competitive intelligence, employment searches or financial research. Contains trends, statistical tables, and an industry glossary. Includes one page profiles of infotech industry firms, which provides data such as addresses, phone numbers, executive names.

AWS Certified SysOps Administrator Study Guide - Sara Perrott 2020-03-10
Your #1 all-in-one reference and exam Study Guide for the UPDATED AWS SysOps Administrator certification! This comprehensive book guides readers through the role of a SysOps Administrator and helps prepare candidates to take the updated AWS Certified SysOps Administrator—Associate (SOA-C01) Exam. The AWS Certified SysOps Administrator—Associate certification validates technical expertise in deployment, management, and operations on the AWS platform. This Study Guide not only prepares readers for the AWS

exam, but it makes sure the reader is ready to perform the duties expected of SysOps Administrators. The book focuses on the skill-set required of AWS professionals by filling in the gap between test preparation and real-world preparedness. Concepts covered include: Monitoring and Reporting High Availability Deployment and Provisioning Storage and Dada Management Security and Compliance Networking Automation and Optimization And More Readers will also have one year of free access to the Sybex interactive online learning environment and test bank, providing a suite of robust study tools including an assessment test, chapter tests, bonus practice exam, electronic flashcards, and a glossary of key terms.

Learning Amazon Web Services (AWS) - Mark Wilkins 2019-07-02
The Practical, Foundational Technical Introduction to the World's #1 Cloud Platform Includes access to several hours of online training video: Mark Wilkins' expert training video library guides you through setting up core services and prepares you to deploy your own apps and resources. Learning Amazon Web Services (AWS) is the perfect foundational resource for all administrators, developers, project managers, and other IT professionals who want to plan and deploy AWS services and/or earn AWS certification. Top cloud trainer and evangelist Mark Wilkins teaches best practices that align with Amazon's Well-Architected Framework, introduces key concepts in the context of a running case study, carefully explains how core AWS services operate and integrate, and offers extensively tested tips for maximizing flexibility, security, and value. Companion online videos guide you step-by-step through setting AWS compute, storage, networking, scale, security, automation, and more. Balance cost, compliance, and latency in your service designs Choose the right networking options for your virtual private cloud (VPC) Build, host, launch, manage, and budget

for EC2 compute services Plan for scale and resiliency, and make informed decisions about AWS storage Enforce strict security, and automate to improve operational efficiency This book with companion training videos is a valuable learning tool for anyone seeking to demonstrate expertise through formal certification. WEB EDITION: All buyers of the book or ebook can register your book for access to a free online Web Edition of this title, which included videos embedded within the text, plus updates as they become available.

IBM Fibre Channel Endpoint Security for IBM DS8900F and IBM Z - Bertrand Dufrasne 2021-02-04

This IBM® Redbooks® publication will help you install, configure, and use the new IBM Fibre Channel Endpoint Security function. The focus of this publication is about securing the connection between an IBM DS8900F and the IBM z15TM. The solution is delivered with two levels of link security supported: support for link authentication on Fibre Channel links and support for link encryption of data in flight (which also includes link authentication). This solution is targeted for clients needing to adhere to Payment Card Industry (PCI) or other emerging data security standards, and those who are seeking to reduce or eliminate insider threats regarding unauthorized access to data.

Mastering Blockchain - Imran Bashir 2020-08-31

Mastering Blockchain, Third Edition is the blockchain bible to equip you with extensive knowledge of distributed ledgers, cryptocurrencies, smart contracts, consensus algorithms, cryptography and blockchain platforms such as Ethereum, Bitcoin, and many more.

Wi-Foo - Andrew A. Vladimirov 2004

The definitive guide to penetrating and defending wireless networks. Straight from the field, this is the definitive guide to hacking wireless networks. Authored by world-renowned

wireless security auditors, this hands-on, practical guide covers everything you need to attack -- or protect -- any wireless network. The authors introduce the 'battlefield, ' exposing today's 'wide open' 802.11 wireless networks and their attackers. One step at a time, you'll master the attacker's entire arsenal of hardware and software tools: crucial knowledge for crackers and auditors alike. Next, you'll learn systematic countermeasures for building hardened wireless 'citadels''including cryptography-based techniques, authentication, wireless VPNs, intrusion detection, and more. Coverage includes: Step-by-step walkthroughs and explanations of typical attacks Building wireless hacking/auditing toolkit: detailed recommendations, ranging from discovery tools to chipsets and antennas Wardriving: network mapping and site surveying Potential weaknesses in current and emerging standards, including 802.11i, PPTP, and IPSec Implementing strong, multilayered defenses

Wireless IDS: why attackers aren't as untraceable as they think Wireless hacking and the law: what's legal, what isn't If you're a hacker or security auditor, this book will get you in. If you're a netadmin, sysadmin, consultant, or home user, it will keep everyone else out. Installing Linux for z Systems on zPDT: A Short Cookbook - Bill Ogden 2016-02-29 This IBM® Redbooks® publication describes the basic installation processes of Linux for z SystemsTM on an IBM zPDT® base. It is intended for readers who are not familiar with IBM z Systems or with the zPDT product. This book assume the reader is familiar with Linux on Intel-compatible platforms. This book provides basic introductions to necessary z Systems and zPDT topics, and proceeds in a cookbook manner. This book is not intended for readers who are already familiar with these topics. Practical Internet of Things Security - Brian Russell 2016-06-29 A practical, indispensable security guide that

will navigate you through the complex realm of securely building and deploying systems in our IoT-connected world About This Book Learn to design and implement cyber security strategies for your organization Learn to protect cyber-physical systems and utilize forensic data analysis to beat vulnerabilities in your IoT ecosystem Learn best practices to secure your data from device to the cloud Gain insight into privacy-enhancing techniques and technologies Who This Book Is For This book targets IT Security Professionals and Security Engineers (including pentesters, security architects and ethical hackers) who would like to ensure security of their organization's data when connected through the IoT. Business analysts and managers will also find it useful. What You Will Learn Learn how to break down cross-industry barriers by adopting the best practices for IoT deployments Build a rock-solid security program for IoT that is cost-effective and easy to maintain Demystify complex topics such as cryptography, privacy, and penetration testing to improve your security posture See how the selection of individual components can affect the security posture of the entire system Use Systems Security Engineering and Privacy-by-design principles to design a secure IoT ecosystem Get to know how to leverage the burdgening cloud-based systems that will support the IoT into the future. In Detail With the advent of Intenret of Things (IoT), businesses will be faced with defending against new types of threats. The business ecosystem now includes cloud computing infrastructure, mobile and fixed endpoints that open up new attack surfaces, a desire to share information with many stakeholders and a need to take action quickly based on large quantities of collected data. . It therefore becomes critical to ensure that cyber security threats are contained to a minimum when implementing new IoT services and solutions. . The interconnectivity of people, devices, and companies raises stakes to

a new level as computing and action become even more mobile, everything becomes connected to the cloud, and infrastructure is strained to securely manage the billions of devices that will connect us all to the IoT. This book shows you how to implement cyber-security solutions, IoT design best practices and risk mitigation methodologies to address device and infrastructure threats to IoT solutions. This book will take readers on a journey that begins with understanding the IoT and how it can be applied in various industries, goes on to describe the security challenges associated with the IoT, and then provides a set of guidelines to architect and deploy a secure IoT in your Enterprise. The book will showcase how the IoT is implemented in early-adopting industries and describe how lessons can be learned and shared across diverse industries to support a secure IoT. Style and approach This book aims to educate readers on key areas in IoT security. It walks readers through engaging with security challenges and

then provides answers on how to successfully manage IoT security and build a safe infrastructure for smart devices. After reading this book, you will understand the true potential of tools and solutions in order to build real-time security intelligence on IoT networks.
The Advertising Red Books - 2010

SSL & TLS Essentials - Stephen A. Thomas 2000-02-25
CD-ROM includes: Full-text, electronic edition of text.
Implementing the IBM Storwize V3500 - Jon Tate 2013-10-21
Businesses of all sizes are faced with the challenge of managing huge volumes of data that are becoming increasingly valuable. But storing this data can be costly, and extracting value from the data is becoming more and more difficult. IT organizations have limited resources and cannot afford to make investment mistakes. The IBM® Storwize® V3500 system provides a

smarter solution that is affordable, simple, and efficient, which enables businesses to overcome their storage challenges. IBM Storwize V3500 is the most recent addition to the IBM Storwize family of disk systems. It delivers easy-to-use, entry-level configurations that are specifically designed to meet the modest budgets of small and medium-sized businesses. IBM Storwize V3500 features the following highlights: - Consolidate and share data with low cost iSCSI storage networking. - Deploy storage in minutes and perform storage management tasks quickly and easily through a breakthrough graphical user interface. - Experience peace of mind with proven IBM Storwize family high-availability data protection with snapshot technology and IBM warranty support. - Optimize efficiency by allocating only the amount of disk space needed at the time it is required with high performance, thin-provisioning capabilities.

The Essential Guide to Telecommunications - Annabel Z. Dodd 2005

Leading consultant Annabel Dodd presents easy-to-understand, insightful explanations of today's key trends and technologies: Industry Players and Trends, Broadband, VoIP, Wi-Fi and WiMax, 3G Mobile Networks, and Multimedia Networks. Previous editions have helped professionals worldwide understand the major changes transforming the telecommunications industry. In the past four years, the telecommunications industry has undergone major changes. This is the complete guide to the new realities of telecommunications. The new edition reflects all of today's most critical issues, trends, and technologies. In addition to providing crucial insights into the fast-changing competitive landscape, Dodd provides important information about the structure of, and key players in, the industry.

Plunkett's E-Commerce & Internet Business Almanac 2006 - Plunkett Research Ltd 2006-02 This new almanac will be your ready-reference guide to the E-Commerce & Internet Business

worldwide! In one carefully-researched volume, you'll get all of the data you need on E-Commerce & Internet Industries, including: complete E-Commerce statistics and trends; Internet research and development; Internet growth companies; online services and markets; bricks & clicks and other online retailing strategies; emerging e-commerce technologies; Internet and World Wide Web usage trends; PLUS, in-depth profiles of over 400 E-Commerce & Internet companies: our own unique list of companies that are the leaders in this field. Here you'll find complete profiles of the hot companies that are making news today, the largest, most successful corporations in all facets of the E-Commerce Business, from online retailers, to manufacturers of software and equipment for Internet communications, to Internet services providers and much more. Our corporate profiles include executive contacts, growth plans, financial records, address, phone, fax, and much more. This innovative book offers unique information, all indexed and cross-indexed. Our industry analysis section covers business to consumer, business to business, online financial services, and technologies as well as Internet access and usage trends. The book includes numerous statistical tables covering such topics as e-commerce revenues, access trends, global Internet users, etc. Purchasers of either the book or PDF version can receive a free copy of the company profiles database on CD-ROM, enabling key word search and export of key information, addresses, phone numbers and executive names with titles for every company profiled.

Plunkett's Infotech Industry Almanac 2006 - Jack W. Plunkett 2006
Plunkett's InfoTech Industry Almanac presents a complete analysis of the technology business, including the convergence of hardware, software, entertainment and telecommunications. This market research tool includes our analysis of the major trends

affecting the industry, from the rebound of the global PC and server market, to consumer and enterprise software, to super computers, open systems such as Linux, web services and network equipment. In addition, we provide major statistical tables covering the industry, from computer sector revenues to broadband subscribers to semiconductor industry production. No other source provides this book's easy-to-understand comparisons of growth, expenditures, technologies, imports/exports, corporations, research and other vital subjects. The corporate profile section provides in-depth, one-page profiles on each of the top 500 InfoTech companies. We have used our massive databases to provide you with unique, objective analysis of the largest and most exciting companies in: Computer Hardware, Computer Software, Internet Services, E-Commerce, Networking, Semiconductors, Memory, Storage, Information Management and Data Processing. We've been working harder than ever to gather data on all the latest trends in information technology. Our research effort includes an exhaustive study of new technologies and discussions with experts at dozens of innovative tech companies. Purchasers of the printed book or PDF version may receive a free CD-ROM database of the corporate profiles, enabling export of vital corporate data for mail merge and other uses.

Oracle Database 12c Security Cookbook - Zoran Pavlovic 2016-06-06
Secure your Oracle Database 12c with this valuable Oracle support resource, featuring more than 100 solutions to the challenges of protecting your data About This Book Explore and learn the new security features introduced in Oracle Database 12c, to successfully secure your sensitive data Learn how to identify which security strategy is right for your needs – and how to apply it Each 'recipe' provides you with a single step-by-step solution, making this book a vital resource, delivering Oracle support in one

accessible place Who This Book Is For This book is for DBAs, developers, and architects who are keen to know more about security in Oracle Database 12c. This book is best suited for beginners and intermediate-level database security practitioners. Basic knowledge of Oracle Database is expected, but no prior experience of securing a database is required. What You Will Learn Analyze application privileges and reduce the attack surface Reduce the risk of data exposure by using Oracle Data Redaction and Virtual Private Database Control data access and integrity in your organization using the appropriate database feature or option Learn how to protect your databases against application bypasses Audit user activity using the new auditing architecture Restrict highly privileged users from accessing data Encrypt data in Oracle Database Work in a real-world environment where a multi-layer security strategy is applied In Detail Businesses around the world are paying much greater attention

toward database security than they ever have before. Not only does the current regulatory environment require tight security, particularly when dealing with sensitive and personal data, data is also arguably a company's most valuable asset - why wouldn't you want to protect it in a secure and reliable database? Oracle Database lets you do exactly that. It's why it is one of the world's leading databases – with a rich portfolio of features to protect data from contemporary vulnerabilities, it's the go-to database for many organizations. Oracle Database 12c Security Cookbook helps DBAs, developers, and architects to better understand database security challenges. Let it guide you through the process of implementing appropriate security mechanisms, helping you to ensure you are taking proactive steps to keep your data safe. Featuring solutions for common security problems in the new Oracle Database 12c, with this book you can be confident about securing your database from a range of different threats

and problems. Style and approach Each chapter explains the different aspects of security through a series of recipes. Each recipe presents instructions in a step-by-step manner, supported by explanations of the topic.

Understanding PKI - Carlisle Adams 2003 Introduces the concepts of public key infrastructure design and policy and discusses use of the technology for computer network security in the business environment.

Rational Cybersecurity for Business - Dan Blum 2020-06-27 Use the guidance in this comprehensive field guide to gain the support of your top executives for aligning a rational cybersecurity plan with your business. You will learn how to improve working relationships with stakeholders in complex digital businesses, IT, and development environments. You will know how to prioritize your security program, and motivate and retain your team. Misalignment between security and your business can start at the top at the C-suite or happen at the line of business, IT, development, or user level. It has a corrosive effect on any security project it touches. But it does not have to be like this. Author Dan Blum presents valuable lessons learned from interviews with over 70 security and business leaders. You will discover how to successfully solve issues related to: risk management, operational security, privacy protection, hybrid cloud management, security culture and user awareness, and communication challenges. This book presents six priority areas to focus on to maximize the effectiveness of your cybersecurity program: risk management, control baseline, security culture, IT rationalization, access control, and cyber-resilience. Common challenges and good practices are provided for businesses of different types and sizes. And more than 50 specific keys to alignment are included. What You Will Learn Improve your security culture: clarify security-related roles, communicate effectively to businesspeople, and

hire, motivate, or retain outstanding security staff by creating a sense of efficacy Develop a consistent accountability model, information risk taxonomy, and risk management framework Adopt a security and risk governance model consistent with your business structure or culture, manage policy, and optimize security budgeting within the larger business unit and CIO organization IT spend Tailor a control baseline to your organization's maturity level, regulatory requirements, scale, circumstances, and critical assets Help CIOs, Chief Digital Officers, and other executives to develop an IT strategy for curating cloud solutions and reducing shadow IT, building up DevSecOps and Disciplined Agile, and more Balance access control and accountability approaches, leverage modern digital identity standards to improve digital relationships, and provide data governance and privacy-enhancing capabilities Plan for cyber-resilience: work with the SOC, IT, business groups, and external sources to coordinate incident response and to recover from outages and come back stronger Integrate your learnings from this book into a quick-hitting rational cybersecurity success plan Who This Book Is For Chief Information Security Officers (CISOs) and other heads of security, security directors and managers, security architects and project leads, and other team members providing security leadership to your business

A Practical Guide to AWS IAM - Tamás Sallai 2021-01-20
This guide is a map for managing access in an AWS account. It contains everything you need to know to configure IAM identities and policies to safeguard the account. IAM is a notoriously complicated service. I remember when I started out with AWS I felt it was an obstacle, making everything a lot harder than necessary. Everything was hidden behind some technical jargon and it wasn't intuitive at all where to configure things. Then it's JSON policy structure required a lot of searching for solutions. IAM

was in my way whatever I wanted to do. It was much later when I become interested in security and that was when I realized how essential IAM is to secure an AWS account. There are a lot of other services for security, such as Config, Security Hub, CloudTrail, and GuardDuty, but they all play a secondary role. The security of an account lies in the configuration of IAM. After a bit of learning, I started to see the underlying logic behind all those obscure terminology that felt so distant at first. The identities, the types and structure of the policies all fit into a bigger picture that defines the security posture of an account. This book is a comprehensive and easy-to-follow guide for everything you'll need to configure who can access an account and what they can do. It provides a ton of examples and practical tips with a lot of illustrations. It was written to give a complete overview of the different things you'll encounter in configuring access. You'll learn: * How IAM helps with account security * What are the different IAM identities * How to write policies * How the policy evaluation logic works

FreeRADIUS Beginner's Guide - Dirk Van der Walt 2011-09-08
Manage your network resources with FreeRADIUS by mastering authentication, authorization and accounting.

IBM AIX Enhancements and Modernization - Scott Vetter 2020-05-13
This IBM® Redbooks publication is a comprehensive guide that covers the IBM AIX® operating system (OS) layout capabilities, distinct features, system installation, and maintenance, which includes AIX security, trusted environment, and compliance integration, with the benefits of IBM Power Virtualization Management (PowerVM®) and IBM Power Virtualization Center (IBM PowerVC), which includes cloud capabilities and automation types. The objective of this book is to introduce IBM AIX modernization features and integration with different environments: General

AIX enhancements AIX Live Kernel Update individually or using Network Installation Manager (NIM) AIX security features and integration AIX networking enhancements PowerVC integration and features for cloud environments AIX deployment using IBM Terraform and IBM Cloud Automation Manager AIX automation that uses configuration management tools PowerVM enhancements and features Latest disaster recovery (DR) solutions AIX Logical Volume Manager (LVM) and Enhanced Journaled File System (JFS2) AIX installation and maintenance techniques

Code Reading - Diomidis Spinellis 2003 CD-ROM contains cross-referenced code.

Access Control and Identity Management - Mike Chapple 2020-10-01 Revised and updated with the latest data from this fast paced field, Access Control, Authentication, and Public Key Infrastructure defines the components of access control, provides a business framework for implementation, and discusses legal requirements that impact access control programs.

Oracle Web Services Manager - Sitaraman Lakshminarayanan 2008-07-10 Securing your Web Services

Hacking Multifactor Authentication - Roger A. Grimes 2020-09-28 Protect your organization from scandalously easy-to-hack MFA security "solutions" Multi-Factor Authentication (MFA) is spreading like wildfire across digital environments. However, hundreds of millions of dollars have been stolen from MFA-protected online accounts. How? Most people who use multifactor authentication (MFA) have been told that it is far less hackable than other types of authentication, or even that it is unhackable. You might be shocked to learn that all MFA solutions are actually easy to hack. That's right: there is no perfectly safe MFA solution. In fact, most can be hacked at least five different ways. Hacking Multifactor

Authentication will show you how MFA works behind the scenes and how poorly linked multi-step authentication steps allows MFA to be hacked and compromised. This book covers over two dozen ways that various MFA solutions can be hacked, including the methods (and defenses) common to all MFA solutions. You'll learn about the various types of MFA solutions, their strengthens and weaknesses, and how to pick the best, most defensible MFA solution for your (or your customers') needs. Finally, this book reveals a simple method for quickly evaluating your existing MFA solutions. If using or developing a secure MFA solution is important to you, you need this book. Learn how different types of multifactor authentication work behind the scenes See how easy it is to hack MFA security solutions—no matter how secure they seem Identify the strengths and weaknesses in your (or your customers') existing MFA security and how to mitigate Author Roger Grimes is an internationally known security expert whose work on hacking MFA has generated significant buzz in the security world. Read this book to learn what decisions and preparations your organization needs to take to prevent losses from MFA hacking.

Understanding and Deploying LDAP Directory Services - Tim Howes 2003
Lightweight Directory Access Protocol (LDAP) is the standard for directory information access and is the underlying protocol for a variety of email systems, Web systems, and enterprise applications. LDAP enables central management of users, groups, devices, and other data, thereby simplifying directory management and reducing the total cost of ownership. Understanding and Deploying LDAP Directory Services, written by the creators of the protocol, is known as the LDAP bible and is the classic text for learning about LDAP and how to utilize it effectively. The Second Edition builds on this success by acting as an exhaustive resource for designing, deploying, and maintaining LDAP

directory services. Topics such as implementation pitfalls, establishing and maintaining user access to information, troubleshooting, and real-world scenarios will be thoroughly explored.

zPDT Sysplex Extensions - 2020 - Frank Kyne 2020-10-16

This IBM® Redbooks® publication describes the IBM System z® Personal Development Tool (IBM zPDT®) Sysplex Extensions 2020, which is a package that consists of sample files and supporting documentation to help you get a functioning, data sharing sysplex up and running with minimal time and effort. This book is a significant revision of zPDT 2017 Sysplex Extensions, SG24-8386. This package is designed and tested to be installed on top of a standard Application Developer Controlled Distribution (ADCD) environment. It provides the extra files that you need to create a two-way data sharing IBM z/OS® 2.4 sysplex that runs under IBM z/VM® in a zPDT environment. This package differs from the zPDT sysplex package delivered in IBM zPDT Guide and Reference System z Personal Development Tool, SG24-8205, in that it provides working examples of more sysplex exploiters. It also is designed to adhere to IBM's sysplex best practice recommendations, in as far as is possible in a zPDT environment. Although the package was not tested with IBM Z® Development and Test Environment (previously known as RD&T), it may be used to reduce the effort to create a fully functional sysplex under zD&T. Conceptually, the package might also be restored and used as a template to create a sysplex environment that is running on a real IBM Z CPC. The target audience for this document is system programmers who are responsible for designing, creating, and maintaining IBM Parallel Sysplex® environments. It can also be beneficial to developers who currently maintain their own ADCD environments and want to extend them to add sysplex functions.

Microsoft Azure Security Center - Yuri Diogenes 2018-06-04
Discover high-value Azure security insights, tips, and operational optimizations This book presents comprehensive Azure Security Center techniques for safeguarding cloud and hybrid environments. Leading Microsoft security and cloud experts Yuri Diogenes and Dr. Thomas Shinder show how to apply Azure Security Center's full spectrum of features and capabilities to address protection, detection, and response in key operational scenarios. You'll learn how to secure any Azure workload, and optimize virtually all facets of modern security, from policies and identity to incident response and risk management. Whatever your role in Azure security, you'll learn how to save hours, days, or even weeks by solving problems in most efficient, reliable ways possible. Two of Microsoft's leading cloud security experts show how to: • Assess the impact of cloud and hybrid environments on security, compliance, operations, data protection, and risk management • Master a new security paradigm for a world without traditional perimeters • Gain visibility and control to secure compute, network, storage, and application workloads • Incorporate Azure Security Center into your security operations center • Integrate Azure Security Center with Azure AD Identity Protection Center and third-party solutions • Adapt Azure Security Center's built-in policies and definitions for your organization • Perform security assessments and implement Azure Security Center recommendations • Use incident response features to detect, investigate, and address threats • Create high-fidelity fusion alerts to focus attention on your most urgent security issues • Implement application whitelisting and just-in-time VM access • Monitor user behavior and access, and investigate compromised or misused credentials • Customize and perform operating system security baseline assessments • Leverage

integrated threat intelligence to identify known bad actors

Network Security Assessment - Chris McNab 2004

A practical handbook for network adminstrators who need to develop and implement security assessment programs, exploring a variety of offensive technologies, explaining how to design and deploy networks that are immune to offensive tools and scripts, and detailing an efficient testing model. Original. (Intermediate)

Oracle Database 12c Security - Scott Gaetjen 2015-01-09

Best Practices for Comprehensive Oracle Database Security Written by renowned experts from Oracle's National Security Group, Oracle Database 12c Security provides proven techniques for designing, implementing, and certifying secure Oracle Database systems in a multitenant architecture. The strategies are also applicable to standalone databases. This Oracle Press guide addresses everything from infrastructure to audit lifecycle and describes how to apply security measures in a holistic manner. The latest security features of Oracle Database 12c are explored in detail with practical and easy-to-understand examples. Connect users to databases in a secure manner Manage identity, authentication, and access control Implement database application security Provide security policies across enterprise applications using Real Application Security Control data access with Oracle Virtual Private Database Control sensitive data using data redaction and transparent sensitive data protection Control data access with Oracle Label Security Use Oracle Database Vault and Transparent Data Encryption for compliance, cybersecurity, and insider threats Implement auditing technologies, including Unified Audit Trail Manage security policies and monitor a secure database environment with Oracle Enterprise Manager Cloud Control

Windows Server 2008 PKI and Certificate

Security - Brian Komar 2008-04-09
Get in-depth guidance for designing and implementing certificate-based security solutions—straight from PKI expert Brian Komar. No need to buy or outsource costly PKI services when you can use the robust PKI and certificate-based security services already built into Windows Server 2008! This in-depth reference teaches you how to design and implement even the most demanding certificate-based security solutions for wireless networking, smart card authentication, VPNs, secure email, Web SSL, EFS, and code-signing applications using Windows Server PKI and certificate services. A principal PKI consultant to Microsoft, Brian shows you how to incorporate best practices, avoid common design and implementation mistakes, help minimize risk, and optimize security administration.

Mastering OpenVPN - Eric F Crist 2015-08-28
Master building and integrating secure private networks using OpenVPN About This Book Discover how to configure and set up a secure OpenVPN Enhance user experience by using multiple authentication methods Delve into better reporting, monitoring, logging, and control with OpenVPN Who This Book Is For If you are familiar with TCP/IP networking and general system administration, then this book is ideal for you. Some knowledge and understanding of core elements and applications related to Virtual Private Networking is assumed. What You Will Learn Identify different VPN protocols (IPSec, PPTP, OpenVPN) Build your own PKI and manage certificates Deploy your VPN on various devices like PCs, mobile phones, tablets, and more Differentiate between the routed and bridged network Enhance your VPN with monitoring and logging Authenticate against third-party databases like LDAP or the Unix password file Troubleshoot an OpenVPN setup that is not performing correctly In Detail Security on the internet is increasingly vital to both businesses and individuals. Encrypting

network traffic using Virtual Private Networks is one method to enhance security. The internet, corporate, and "free internet" networks grow more hostile every day. OpenVPN, the most widely used open source VPN package, allows you to create a secure network across these systems, keeping your private data secure. The main advantage of using OpenVPN is its portability, which allows it to be embedded into several systems. This book is an advanced guide that will help you build secure Virtual Private Networks using OpenVPN. You will begin your journey with an exploration of OpenVPN, while discussing its modes of operation, its clients, its secret keys, and their format types. You will explore PKI: its setting up and working, PAM authentication, and MTU troubleshooting. Next, client-server mode is discussed, the most commonly used deployment model, and you will learn about the two modes of operation using "tun" and "tap" devices. The book then progresses to more advanced concepts, such as deployment scenarios in tun devices which will include integration with back-end authentication, and securing your OpenVPN server using iptables, scripting, plugins, and using OpenVPN on mobile devices and networks. Finally, you will discover the strengths and weaknesses of the current OpenVPN implementation, understand the future directions of OpenVPN, and delve into the troubleshooting techniques for OpenVPN. By the end of the book, you will be able to build secure private networks across the internet and hostile networks with confidence. Style and approach An easy-to-follow yet comprehensive guide to building secure Virtual Private Networks using OpenVPN. A progressively complex VPN design is developed with the help of examples. More advanced topics are covered in each chapter, with subjects grouped according to their complexity, as well as their utility.

Smart Client Architecture and Design Guide - Microsoft Corporation 2004

Get expert, pragmatic guidance on how to design and build smart client solutions that combine the benefits of traditional, rich-client applications with the manageability of thin clients. Software architects and developers will learn how to evaluate whether a smart client solution is appropriate for their client architecture, and get practical recommendations on how to deal with the design and technical challenges associated with building smart clients solutions using Microsoft® Windows® Forms technology in the Microsoft .NET Framework. Topics include handling data, connecting to the back end, offline functionality, security features, multithreading, deployment, and performance. PATTERNS & PRACTICES guides are reviewed and approved by Microsoft engineering teams, consultants, partners, and customers—delivering accurate, real-world information that's been technically validated and tested.

IBM ZPDT Guide and Reference - Bill Ogden 2020-03-10

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.

WiX 3.6 - A Developer's Guide to Windows Installer XML - Nick Ramirez 2012-01-01
A step-by-step tutorial with plenty of code and examples to improve your learning curve. If you are a developer and want to create installers for software targeting the Windows platform, then this book is for you. You'll be using plenty of XML and ought to know the basics of writing a well-formed document. No prior experience in WiX or Windows Installer is assumed. You should know your way around Visual Studio to compile projects, add project references and tweak project properties.