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Now updated for Cisco’s new ROUTE 300-101 exam, Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide is your Cisco® authorized learning tool for CCNP® or CCDP® preparation. Part of the Cisco Press Foundation Learning Series, it teaches you how to plan, configure, maintain, and scale a modern routed network. Focusing on Cisco routers connected in LANs and WANs at medium-to-large network sites, the authors show how to select and implement Cisco IOS services for building scalable, routed networks. They examine basic network and routing protocol principles in detail; introduce both IPv4 and IPv6; fully review EIGRP, OSPF, and BGP; explore enterprise Internet connectivity; cover routing updates and path control; and present today’s router security best practices. Each chapter opens with a list of topics that clearly identifies its focus. Each chapter ends with a summary of key concepts for quick study, as well as review questions to assess and reinforce your understanding. Throughout, configuration and verification output examples illustrate critical issues in network operation and troubleshooting. This guide is ideal for all certification candidates who want to master all the topics covered on the ROUTE 300-101 exam. Serves as the official book for the newest version of the Cisco Networking Academy CCNP ROUTE course Includes all the content from the newest Learning@Cisco ROUTE course and information on each of the ROUTE exam topics Compares basic routing protocol features and limitations Examines RIPv2 and RIPng Covers EIGRP operation and implementation for both IPv4 and IPv6 Explores OSPFv2 implementation, and OSPFv3 for both IPv4 and IPv6 Discusses network performance optimization via routing updates Introduces path control with Cisco Express Forwarding (CEF) switching, policy-based routing (PBR), and service level agreements (SLAs) Addresses enterprise Internet connectivity via single or redundant ISP connections Explains BGP terminology, concepts, operation, configuration, verification, and troubleshooting Covers securing the management plane of Cisco routers using authentication and other recommended practices Presents self-assessment review questions, chapter objectives, and summaries to facilitate effective studying

The IEEE IFIP NOMS is one of the world s most important conferences providing a forum for technical exchange on management of information and communication technology focusing on research, development, integration, standards, service provisioning, and user communities

This comprehensive guide details available internetworking alternatives. It provides the reader with the most current technologies for WANS and teaches how to effectively implement these technologies on a network.

"Shows readers how to create and manage virtual networks on a PC using the popular open-source platform GNS3, with tutorial-based explanations"--

This book is a concise one-stop desk reference and synopsis of basic knowledge and skills for Cisco certification prep. For beginning and experienced network engineers tasked with building LAN, WAN, and data center connections, this book lays out clear directions for installing, configuring, and troubleshooting networks with Cisco devices. The full range of certification topics is covered, including all aspects of IOS, NX-OS, and ASA software. The emphasis throughout is on solving the real-world challenges engineers face in configuring network devices, rather than on exhaustive descriptions of hardware features. This practical desk companion doubles as a comprehensive overview of the basic knowledge and skills needed by CCENT, CCNA, and CCNP exam takers. It distills a comprehensive library of cheat sheets, lab configurations, and advanced commands that the authors assembled as senior network engineers for the benefit of junior engineers they train, mentor on the job, and prepare for Cisco certification exams. Prior familiarity with Cisco routing and switching is desirable but not necessary, as Chris Carthern, Dr. Will Wilson, Noel Rivera, and Richard Bedwell start their book with a review of the basics of configuring routers and switches. All the more advanced chapters have labs and exercises to reinforce the concepts learned. This book differentiates itself from other Cisco books on the market by approaching network security from a hacker’s perspective. Not only does it provide network security recommendations but it teaches you how to use black-hat tools such as oclHashcat, Loki, Burp Suite, Scapy, Metasploit, and Kali to actually test the security concepts learned. Readers of Cisco Networks will learn How to configure Cisco switches, routers, and data center devices in typical corporate network architectures The skills and knowledge needed to pass Cisco CCENT, CCNA, and CCNP certification exams How to set up and configure at-home labs using virtual machines and lab exercises in the book to practice advanced Cisco commands How to implement networks of Cisco devices supporting WAN, LAN, and data center configurations How to implement secure network configurations and configure the Cisco ASA firewall How to use black-hat tools and network penetration techniques to test the security of your network

Networking with MikroTik: An MTCNA Study Guide is an introduction to the MikroTik network platform and an exploration of the MTCNA certification topics. Written by the author of the MikroTik Security Guide and the leading English-language MikroTik blog at ManitoNetworks.com, this book covers everything you need to get started with RouterOS. Topics include the following: Introduction to MikroTik RouterOS Software MikroTik Defaults Accessing MikroTik Routers Managing Users in RouterOS Configuring Interfaces Network Addresses Routing and Configuring Routes VPNs and Tunnels Queues Firewalls NAT Wireless and Wireless Security Troubleshooting Tools RouterOS Monitoring The Dude For any network administrators getting started with MikroTik, preparing to sit for the MTCNA exam, or just wanting to learn more of the ins-and-outs of RouterOS this is the book to get you started.

The conference is aimed to serve as an international forum for effective exchange of scientific knowledge and experience among researchers active in applied areas of industry such as electronic equipment, computer and communication applications, automatic control, and applied informatics based on artificial intelligence

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)

Efficiently manage and administer enterprise environments using Microsoft Windows Server 2019 Key FeaturesLeverage Windows Server 2019 to improve enterprise workflow efficiency and increase productivityDeliver enterprise-grade cloud services that can be applied in your infrastructureGet up and running with PowerShell and the all-new Hyper-V improvementsBook Description Do you want to get up and running with essential administrative tasks in Windows Server 2019? This second edition of the Windows Server 2019 Cookbook is packed with practical recipes that will help you do just that. The book starts by taking you through the basics that you need to know to get a Windows Server operating system working, before teaching you how to navigate through daily tasks using the upgraded graphical user interface (GUI). You'll then learn how to compose an optimal Group Policy and perform task automation with PowerShell scripting. As you advance, you’ll get to grips with faster app innovation, improved Windows security measures, and hybrid cloud environments. After you’ve explored the functions available to provide remote network access to your users, you’ll cover the new Hyper-V enhancements. Finally, this Windows Server book will guide you through practical recipes relating to Azure integration and important tips for how to manage a Windows Server environment seamlessly. By the end of this book, you’ll be well-versed with Windows Server 2019 essentials and have the skills you need to configure Windows services and implement best practices for securing a Windows Server environment. What you will learnGet up and running with Windows Server 2019’s new featuresInstall, configure, and administer Windows Server 2019 effectivelyConfigure the server to host any enterprise applicationDiscover ways to manage a server without a GUISafeguard your virtual machines in the event of server failureExplore new ways to integrate Windows Server with Microsoft AzureDeploy Windows containers using DockerWho this book is for This Windows Server 2019 book is for system administrators and IT professionals who have basic experience in Windows environments and are interested in acquiring the skills and knowledge needed to manage and maintain the core infrastructure required for a Windows Server 2019 environment.

This book constitutes the refereed proceedings of the 26th Nordic Conference on Secure IT Systems, NordSec 2021, which was held online during November 2021. The 11 full papers presented in this volume were carefully reviewed and selected from 29 submissions. They were organized in topical sections named: Applied Cryptography, Security in Internet of Things, Machine Learning and Security, Network Security, and Trust.

Violent Python shows you how to move from a theoretical understanding of offensive computing concepts to a practical implementation. Instead of relying on another attacker’s tools, this book will teach you to forge your own weapons using the Python programming language. This book demonstrates how to write Python scripts to automate large-scale network attacks, extract metadata, and investigate forensic artifacts. It also shows how to write code to intercept and analyze network traffic using Python, craft and spoof wireless frames to attack wireless and Bluetooth devices, and how to data-mine popular social media websites and evade modern anti-virus. Demonstrates how to write Python scripts to automate large-scale network attacks, extract metadata, and investigate forensic artifacts Write code to intercept and analyze network traffic using Python. Craft and spoof wireless frames to attack wireless and Bluetooth devices Data-mine popular social media websites and evade modern anti-virus

Go beyond layer 2 broadcast domains with this in-depth tour of advanced link and internetwork layer protocols, and learn how they enable you to expand to larger topologies. An ideal follow-up to Packet Guide to Core Network Protocols, this concise guide dissects several of these protocols to explain their structure and operation. This isn’t a book on packet theory. Author Bruce Hartpence built topologies in a lab as he wrote this guide, and each chapter includes several packet captures. You’ll learn about protocol classification, static vs. dynamic topologies, and reasons for installing a particular route. This guide covers: Host routing—Process a routing table and learn how traffic starts out across a network Static routing—Build router routing tables and understand how forwarding decisions are made and processed Spanning Tree Protocol—Learn how this protocol is an integral part of every network containing switches Virtual Local Area Networks—Use VLANs to address the limitations of layer 2 networks Trunking—Get an in-depth look at VLAN tagging and the 802.1Q protocol Routing Information Protocol—Understand how this distance vector protocol works in small, modern communication networks Open Shortest Path First—Discover why convergence times of OSPF and other link state protocols are improved over distance vectors

Multicast is a topic that was never clear to many network engineers when deploying it on MikroTik RouterOS. As this topic is very important, I have decided to write a book about Multicast where I explain in details about it and I apply it directly on LABS. You may have already noticed that there is a lack of resources about Multicast on MikroTik if you search on the web, that is why my book can be a reference for anyone who would like to implement Multicast using MikroTik products.I hope you will enjoy the book, and in case you have any suggestion(s) please feel free to contact me on my email address available in my book.

This book focuses on the principles of wireless sensor networks (WSNs), their applications, and their analysis tools, with meticulous attention paid to definitions and terminology. This book presents the adopted technologies and their manufacturers in detail, making WSNs tangible for the reader. In introductory computer networking books, chapter sequencing follows the bottom-up or top-down architecture of the 7-layer protocol. This book addresses subsequent steps in this process, both horizontally and vertically, thus fostering a clearer and deeper understanding through chapters that elaborate on WSN concepts and issues. With such depth, this book is intended for a wide audience; it is meant to be a helper and motivator for senior undergraduates, postgraduates, researchers, and practitioners. It lays out important concepts and WSN-relate applications; uses appropriate literature to back research and practical issues; and focuses on new trends. Senior undergraduate students can use it to familiarize themselves with conceptual foundations and practical project implementations. For graduate students and researchers, test beds and simulators provide vital insights into analysis methods and tools for WSNs. Lastly, in addition to applications and deployment, practitioners will be able to learn more about WSN manufacturers and components within several platforms and test beds.

MikroTik Security Guide, Second Edition, is the definitive guide to securing MikroTik RouterOS and RouterBOARD devices. It's built around industry best practices, legal and compliance standards, and lessons learned by the author during years of auditing and consulting engagements. Links to industry-standard best practices and STIG documentation are included to help enhance your MikroTik network security program.Topics include physical and wireless security, locking down IP services, managing users, configuring firewalls, segmentation with VLANs, and more. Chapters include simple to follow descriptions of how and why steps are performed, and easy copy-paste commands you can run directly on your RouterOS devices. Many of the topics included in the guide also correspond with MikroTik's MTCNA certification outline, so it's great for on-the-job use and professional development.

Your ultimate guide to pentesting with Kali Linux Kali is a popular and powerful Linux distribution used by cybersecurity professionals around the world. Penetration testers must master Kali’s varied library of tools to be effective at their work. The Kali Linux Penetration Testing Bible is the hands-on and methodology guide for pentesting with Kali. You’ll discover everything you need to know about the tools and techniques hackers use to gain access to systems like yours so you can erect reliable defenses for your virtual assets. Whether you’re new to the field or an established

pentester, you'll find what you need in this comprehensive guide. Build a modern dockerized environment Discover the fundamentals of the bash language in Linux Use a variety of effective techniques to find vulnerabilities (OSINT, Network Scan, and more) Analyze your findings and identify false positives and uncover advanced subjects, like buffer overflow, lateral movement, and privilege escalation Apply practical and efficient pentesting workflows Learn about Modern Web Application Security Secure SDLC Automate your penetration testing with Python

Open Networks v2 is module 3 of the Free Technology Academy (FTA) Masters programme. Its focus is on the use of GNU/Linux as a networking technology, switching, routing, IPv4 & IPv6, VPNs, services like IP Telephony plus a look at SDN and NFV.

GNS3 Network Simulation Guide is an easy-to-follow yet comprehensive guide which is written in a tutorial format helping you grasp all the things you need for accomplishing your certification or simulation goal. If you are a networking professional who wants to learn how to simulate networks using GNS3, this book is ideal for you. The introductory examples within the book only require minimal networking knowledge, but as the book progresses onto more advanced topics, users will require knowledge of TCP/IP and routing.

Serves as an introduction to & handy reference for the world's most widely deployed IP Audio distribution system, Livewire.

Pick up where certification exams leave off. With this practical, in-depth guide to the entire network infrastructure, you'll learn how to deal with real Cisco networks, rather than the hypothetical situations presented on exams like the CCNA. Network Warrior takes you step by step through the world of routers, switches, firewalls, and other technologies based on the author's extensive field experience. You'll find new content for MPLS, IPv6, VoIP, and wireless in this completely revised second edition, along with examples of Cisco Nexus 5000 and 7000 switches throughout. Topics include: An in-depth view of routers and routing Switching, using Cisco Catalyst and Nexus switches as examples SOHO VoIP and SOHO wireless access point design and configuration Introduction to IPv6 with configuration examples Telecom technologies in the data-networking world, including T1, DS3, frame relay, and MPLS Security, firewall theory, and configuration, as well as ACL and authentication Quality of Service (QoS), with an emphasis on low-latency queuing (LLQ) IP address allocation, Network Time Protocol (NTP), and device failures

The first generation 802.11 wireless market, once struggling to expand, has spread from largely vertical applications such as healthcare, point of sale, and inventory management to become much more broad as a general networking technology being deployed in offices, schools, hotel guest rooms, airport departure areas, airplane cabins, entertainment venues, coffee shops, restaurants, and homes. This has led to the tremendous growth of new sources of IEEE 802.11 devices. IEEE 802.11 equipment is now moving into its second stage, where the wireless LAN is being treated as a large wireless communication system. As a system, there is more to consider than simply the communication over the air between a single access point and the associated mobile devices. This has lead to innovative changes in the equipment that makes up a wireless LAN. The IEEE 802.11 Handbook: A Designer's Companion, Second Edition is for the system network architects, hardware engineers and software engineers at the heart of this second stage in the evolution of 802.11 wireless LANs and for those designers that will take 802.11 to the next stage.

This book describes the essential components of the SCION secure Internet architecture, the first architecture designed foremost for strong security and high availability. Among its core features, SCION also provides route control, explicit trust information, multipath communication, scalable quality-of-service guarantees, and efficient forwarding. The book includes functional specifications of the network elements, communication protocols among these elements, data structures, and configuration files. In particular, the book offers a specification of a working prototype. The authors provide a comprehensive description of the main design features for achieving a secure Internet architecture. They facilitate the reader throughout, structuring the book so that the technical detail gradually increases, and supporting the text with a glossary, an index, a list of abbreviations, answers to frequently asked questions, and special highlighting for examples and for sections that explain important research, engineering, and deployment features. The book is suitable for researchers, practitioners, and graduate students who are interested in network security.

Not long time ago, MikroTik has started introducing its switches to the market. After having a long record with MikroTik routers, the demand for MikroTik switches has increased a lot. For this reason, MikroTik made a complete course speaking only about switching. The course name is MikroTik Certified Switching Engineer (MTCSWE). This course has been introduced on the market in the year 2020, so it is a very new course.As switching on MikroTik is a new topic, there are not a lot of resources on the internet to cover all the Switching details, that's the reason why I have decided to build up a course to speak about MikroTik Switching in details. So, from 1 side, I cover all switching topics needed to be implemented in a production network and from the other side I make you prepared for the MTCSWE exam. Topics that will be included in this course are:-MTU-VLAN-STP-Link Aggregation-Port Isolation-L2 QOS-L2 Security-PoE-Tools-SwOSOf course in each of the topic there will be many sub-topics. I hope you will enjoy the book and in case you have any suggestion/advise, you can always contact me on info@mynetworktraining.com

How prepared are you to build fast and efficient web applications? This eloquent book provides what every web developer should know about the network, from fundamental limitations that affect performance to major innovations for building even more powerful browser applications—including HTTP 2.0 and XHR improvements, Server-Sent Events (SSE), WebSocket, and WebRTC. Author Ilya Grigorik, a web performance engineer at Google, demonstrates performance optimization best practices for TCP, UDP, and TLS protocols, and explains unique wireless and mobile network optimization requirements. You'll then dive into performance characteristics of technologies such as HTTP 2.0, client-side network scripting with XHR, real-time streaming with SSE and WebSocket, and P2P communication with WebRTC. Deliver superlative TCP, UDP, and TLS performance Speed up network performance over 3G/4G mobile networks Develop fast and energy-efficient mobile applications Address bottlenecks in HTTP 1.x and other browser protocols Plan for and deliver the best HTTP 2.0 performance Enable efficient real-time streaming in the browser Create efficient peer-to-peer videoconferencing and low-latency applications with real-time WebRTC transports

If a network is not secure, how valuable is it? Introduction to Computer Networks and Cybersecurity takes an integrated approach to networking and cybersecurity, highlighting the interconnections so that you quickly understand the complex design issues in modern networks. This full-color book uses a wealth of examples and illustrations to effective

Modern cyber systems acquire more emergent system properties, as far as their complexity increases: cyber resilience, controllability, self-organization, proactive cyber security and adaptability. Each of the listed properties is the subject of the cybernetics research and each subsequent feature makes sense only if there is a previous one.Cyber resilience is the most important feature of any cyber system, especially during the transition to the sixth technological stage and related Industry 4.0 technologies: Artificial Intelligence (AI), Cloud and foggy computing, 5G +, IoT/IIoT, Big Data and ETL, Q-computing, Blockchain, VR/AR, etc. We should even consider the cyber resilience as a primary one, because the mentioned systems cannot exist without it. Indeed, without the sustainable formation made of the interconnected components of the critical information infrastructure, it does not make sense to discuss the existence of 4.0 Industry cyber-systems. In case when the cyber security of these systems is mainly focused on the assessment of the incidents' probability and prevention of possible security threats, the cyber resilience is mainly aimed at preserving the targeted behavior and cyber systems' performance under the conditions of known (about 45 %) as well as unknown (the remaining 55 %) cyber attacks.This monograph shows that modern Industry 4.0. Cyber systems do not have the required cyber resilience for targeted performance under heterogeneous mass intruder cyber-attacks. The main reasons include a high cyber system structural and functional complexity, a potential danger of existing vulnerabilities and "sleep" hardware and software tabs, as well as an inadequate efficiency of modern models, methods, and tools to ensure cyber security, reliability, response and recovery.

The Ubiquiti Routing And Switching Manual is a must have for the entry level Routing Student who may be new to the Ubiquiti Routing Operating System. A detailed look at both the theoretical overview and the actual working commands, with detailed step by step instructions on setting up both Switches and Routers. Configuration walk through for VLANs and setting up static and dynamic routing. Targeted for the beginner, this book will help you with basic configurations, and will offer lots of advice along the way.

Teaches you how to improve your hands-on knowledge of Linux using challenging, real-world scenarios. Each chapter explores a topic that has been chosen specifically to demonstrate how to enhance your base Linux system, and resolve important issues. This book enables sysadmins, DevOps engineers, developers, and other technical professionals to make full use of Linux's rock-steady foundation. Explore specific topics in networking, email, filesystems, encryption, system monitoring, security, servers, and more-- including systemd and GPG. Understand salient security concerns and how to mitigate them. Applicable to almost all Linux flavors--Debian, Red Hat, Ubuntu, Linux Mint, CentOS--Practical Linux Topics can be used to reference other Unix-type systems with little modification. Improve your practical know-how and background knowledge on servers and workstations alike, increase your ability to troubleshoot and ultimately solve the daily challenges encountered by all professional Linux users. Empower your Linux skills by adding Power Linux Topics to your library today. What You'll Learn Solve a variety of challenges faced by sysadmins and DevOps engineers Understand the security implications of the actions you take Study the history behind some of the packages that you are using for a greater in-depth understanding Become a professional at troubleshooting Extend your knowledge by learning about multiple OSs and third-party packages Who This Book Is For Having mastered the basics of running Linux systems this book takes you one step further to help you master the elements of Linux which you may have struggled with in the past. You have progressed past the basic stages of using Linux and want to delve into the more complex aspects. Practical Linux instantly offers answers to problematic scenarios and provides invaluable information for future reference. It is an invaluable addition to any Linux library.

The one-stop guide to modern networking for every VMware® administrator, engineer, and architect Now that virtualization has blurred the lines between networking and servers, many VMware specialists need a stronger understanding of networks than they may have gained in earlier IT roles. Networking for VMware Administrators fills this crucial knowledge gap. Writing for VMware professionals, Christopher Wahl and Steve Pantol illuminate the core concepts of modern networking, and show how to apply them in designing, configuring, and troubleshooting any virtualized network environment. Drawing on their extensive experience with a wide range of virtual network environments, the authors address physical networking, switching, storage networking, and several leading virtualization scenarios, including converged infrastructure. Teaching through relevant examples, they focus on foundational concepts and features that will be valuable for years to come. To support rapid learning and mastery, they present clear learning objectives, questions, problems, a complete glossary, and extensive up-to-date references. Coverage includes: • The absolute basics: network models, layers, and interfaces, and why they matter • Building networks that are less complex, more modular, and fully interoperable • Improving your virtual network stack: tips, tricks, and techniques for avoiding common pitfalls • Collaborating more effectively with network and storage professionals • Understanding Ethernet, Advanced Layer 2, Layer 3, and modern converged infrastructure • Mastering virtual switching and understanding how it differs from physical switching • Designing and operating vSphere standard and distributed switching • Working with third-party switches, including Cisco Nexus 1000V • Creating powerful, resilient virtual networks to handle critical storage network traffic • Deploying rackmount servers with 1 Gb and 10 Gb Ethernet • Virtualizing blade servers with converged traffic and virtual NICs Christopher Wahl has acquired well over a decade of IT experience in enterprise infrastructure design, implementation, and administration. He has provided architectural and engineering expertise in a variety of virtualization, data center, and private cloud based engagements while working with high performance technical teams in tiered data center environments. He currently holds the title of Senior Technical Architect at Ahead, a consulting firm based out of Chicago. Steve Pantol has spent the last 14 years wearing various technical hats, with the last seven or so focused on assorted VMware technologies. He is a Senior Technical Architect at Ahead, working to build better datacenters and drive adoption of cloud technologies.

Provides instructions on how to build low-cost telecommunications infrastructure. Topics covered range from basic radio physics and network design to equipment and troubleshooting, a chapter on Voice over IP (VoIP), and a selection of four case studies from networks deployed in Latin America. The text was written and reviewed by a team of experts in the field of long distance wireless networking in urban, rural, and remote areas. Contents: 1) Where to Begin. 2) A Practical Introduction to Radio Physics. 3) Network Design. 4) Antennas & Transmission Lines. 5) Networking Hardware. 6) Security & Monitoring. 7) Solar Power. 8) Building an Outdoor Node. 9) Troubleshooting. 10) Economic Sustainability. 11) Case Studies. See the website for translations, including French, Spanish, Portuguese, Italian, Arabic, and others, and additional case studies, training course material, and related information

This book constitutes the thoroughly refereed proceedings of the 26th International Conference on Computer Networks, CN 2019, held in Gliwice, Poland, in June 2019. The 29 full papers presented were carefully reviewed and selected from 64 submissions. They are organized in topical sections on computer networks; communications; and queueing theory and queuing networks.

Di zaman sekarang ini, jaringan ada di mana-mana. Internet juga telah merevolusi tidak hanya dunia komputer, tetapi kehidupan jutaan orang dalam berbagai cara bahkan di dunia nyata. Untuk subjek yang luas dan banyak terlibat, hal ini mencakup berbagai teknologi, perangkat keras, dan protokol yang berbeda. Jaringan merupakan kumpulan komputer atau perangkat keras lain yang terhubung bersama melalui kabel ataupun nirkabel, menggunakan perangkat keras dan perangkat lunak khusus, untuk memungkinkan mereka bertukar informasi dan bekerja sama. Buku ini membahas: Bab 1 Dasar Jaringan Komputer Bab 2 Internet Komunikasi Bab 3 Komponen Jaringan Komputer Bab 4 Model Interkoneksi Sistem Terbuka Bab 5 Jaringan Kabel Vs Jaringan Nirkabel Bab 6 Infrastruktur Jaringan Bab 7 Standar Jaringan Nirkabel Bab 8 Wireless PAN, LAN, Dan MAN Bab 9 Teknologi Wimax Bab 10 Keamanan Jaringan Nirkabel Bab 11 Konsep Radio Seluler Bab 12 Evolusi Jaringan Nirkabel Bab 13 Arsitektur 5G

This book helps people find sensitive information on the Web. Google is one of the 5 most popular sites on the internet with more than 380 million unique users per month (Nielsen/NetRatings 8/05). But, Google's search capabilities are so powerful, they

sometimes discover content that no one ever intended to be publicly available on the Web including: social security numbers, credit card numbers, trade secrets, and federally classified documents. Google Hacking for Penetration Testers Volume 2 shows the art of manipulating Google used by security professionals and system administrators to find this sensitive information and “self-police their own organizations. Readers will learn how Google Maps and Google Earth provide pinpoint military accuracy, see how bad guys can manipulate Google to create super worms, and see how they can "mash up" Google with MySpace, LinkedIn, and more for passive reconaissance. • Learn Google Searching Basics Explore Google’s Web-based Interface, build Google queries, and work with Google URLs. • Use Advanced Operators to Perform Advanced Queries Combine advanced operators and learn about colliding operators and bad search-fu. • Learn the Ways of the Google Hacker See how to use caches for anonymity and review directory listings and traversal techniques. • Review Document Grinding and Database Digging See the ways to use Google to locate documents and then search within the documents to locate information. • Understand Google’s Part in an Information Collection Framework Learn the principles of automating searches and the applications of data mining. • Locate Exploits and Finding Targets Locate exploit code and then vulnerable targets. • See Ten Simple Security Searches Learn a few searches that give good results just about every time and are good for a security assessment. • Track Down Web Servers Locate and profile web servers, login portals, network hardware and utilities. • See How Bad Guys Troll for Data Find ways to search for usernames, passwords, credit card numbers, social security numbers, and other juicy information. • Hack Google Services Learn more about the AJAX Search API, Calendar, Blogger, Blog Search, and more.

Manage your network resources with FreeRADIUS by mastering authentication, authorization and accounting.