Mikrotik Basic Setup Guide

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
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.
Contributions by Rick Graziani and Bob Vachon.
This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ GUIDE TO HARDWARE, Ninth Edition, closely integrates the CompTIA A+ Exam objectives to prepare students for the 220-901 certification exams. The new Ninth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair and information technology. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage students to learn by doing. The new edition features more coverage of updated hardware, security, and increased emphasis on mobile devices. Supported by a wide range of supplemental resources to enhance learning with Lab Manuals, CourseNotes, online labs and the optional MindTap that includes labs, certification test prep and interactive exercises and activities, this proven text offers students an ideal way to prepare for success as a professional IT support technician. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
Connecting Networks v6 Companion Guide
Guide to Cisco Routers Configuration
A Practical Guide to Planning and Building
The Book of GNS3

BGP Design and Implementation
Trust the best selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. --Master Cisco CCIE R&S v5.0 exam topics, including BGP, QoS, WANs, IP multicast, security, and MPLS --Assess your knowledge with chapter-opening quizzes --Review key concepts with exam preparation tasks This is the eBook edition of the CCIE Routing and Switching v5.0 Official Cert Guide, Volume 2, Fifth Edition. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCIE Routing and Switching v5.0 Official Cert Guide, Volume 2, Fifth Edition from Cisco Press enables you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Expert instructors Narbik Kocharians and Terry Vinson share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This second of two volumes covers IP BGP routing, quality of service (QoS), wide area networks, IP multicast, network security, and Multiprotocol Label Switching (MPLS) topics. This complete study package includes --A test-preparation routine proven to help you pass the exams --"Do I Know This Already?" quizzes, which enable you to decide how much time you need to spend on each section --Chapter-ending exercises, which help you drill on key concepts you must know thoroughly --The powerful Pearson IT Certification Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports --A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies --Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, this official study guide helps you master the concepts and techniques that ensure your exam success. CCIE Routing and Switching v5.0 Official Cert Guide, Volume 2, Fifth Edition is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit www.cisco.com/go/authorizedtraining. The official study guide helps you master topics on the CCIE Routing and Switching v5.0 exams, including: --BGP operations and routing policies --QoS --WANs --IP Multicast --Device and network security and tunneling technologies --MPLS
The Unauthorized Ubiquiti Radio and Access Point Handbook is a very robust examination of Ubiquiti radios. This volume details setting up and troubleshooting Outdoor airMAX radios, and indoor UniFi Access points. It also goes over all of the configuration and best practices of deploying UniFi devices using the UniFi Controller software. It covers configuration of the airMAX software, and includes tips on best practice deployments. There is also an entire chapter dedicated to troubleshooting practices for both UniFi and airMAX. There are sections dedicated to site survey best practices, and boils down the actual physics of wireless communication. Interested in what is the best device for your setup? We have that covered here. Whether you are a seasoned wireless professional or a beginner, this book will help you further your understanding of wireless, airMAX, and UniFi. Kevin Houser and Eric Weber are Ubiquiti certified Instructors, and between them have many years of practical wireless experience.
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 indepth 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
This book features research papers presented at the International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS 2020) held at the University of Engineering & Management, Kolkata, India, during July 2020. The book is organized in three volumes and includes high-quality research work by academicians and industrial experts in the field of computing and communication, including full-length papers, research-in-progress papers, and case studies related to all the areas of data mining, machine learning, Internet of things (IoT), and information security.
Internetworking Technologies Handbook
MikroTik Switching with LABS
Internet Routing Architectures
Deploying, Configuring, and Troubleshooting Ubiquiti Radios and Access Points
Linux Network Administrator's Guide
Cacti 0.8 Beginner's Guide
This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ Guide to IT Technical Support, 9th Edition closely integrates the CompTIA+ Exam objectives to prepare you for the 220-901 and 220-902 certification exams. The new Ninth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair and information technology. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage you to learn by doing. The new edition features more coverage of updated hardware, security, virtualization, new coverage of cloud computing, Linux and Mac OS, and increased emphasis on mobile devices. Supported by a wide range of supplemental resources to enhance learning with Lab Manuals, CourseNotes online labs and the optional MindTap that includes online labs, certification test prep and interactive exercises and activities, this proven text offers students an ideal way to prepare for success as a professional IT support technician and administrator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
Run your own Minecraft server: take total control of your Minecraft experience! What's more fun than playing multiplayer Minecraft? Running your own Minecraft server. Now there's a complete, up-to-date guide to doing just that-even if you have no networking or server experience! Best-selling tech author Timothy L. Warner covers all you need to know, from the absolute basics to cutting-edge customization. You'll learn from crystal-clear, step-by-step instructions designed for today's newest Minecraft servers.Warner guides you through prepping your computer and network...installing a basic server and powerful third-party alternatives...welcoming and managing users...protecting against griefing and other attacks...adding powerful plug-ins and mods...using easy subscription hosting services...giving your users a truly awesome game experience. This book's #1 goal is to help you have more fun with Minecraft. But you'll also master practical skills for a well-paid technology career! Gain deep multiplayer Minecraft knowledge for running your server well Configure your computer to reliably host Minecraft Control your server through the Minecraft Server console Connect users, communicate with them, and set rules they must follow Master basic networking skills for improving server uptime and performance Safeguard your server and users, and prevent griefing Simplify complicated mods with integrated modpacks and launchers Run on the Realms public cloud—let Minecraft worry about maintenance and security Evaluate and choose a third-party hosting provider Customize your spawn "lobby" to help new users find their way Support multiple worlds and teleportation Earn cash with ads, sponsorships, cosmetic upgrades, or VIP access Minecraft is a trademark of Mojang Synergies / Notch Development AB. This book is not affiliated with or sponsored by Mojang Synergies / Notch Development AB. Timothy L. Warner is the author of Hacking Raspberry Pi and The Unauthorized Guide to iPhone, iPad, and iPod Repair: A DIY Guide to Extending the Life of Your iDevices!. He is a tech professional who has helped thousands of people become more proficient with technology in business and education. He holds the CompTIA A+ Computer Technician credential and 20 other technical certifications. As Director of Technology for a progressive high school, he created and managed a self-servicing warranty repair shop for all of its Apple hardware. Now an author/evangelist for Pluralsight, he shares Windows PowerShell scripting knowledge at 2minutepowershell.com.
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.
Connecting Networks v6 Companion Guide is the official supplemental textbook for the Connecting Networks version 6 course in the Cisco Networking Academy CCNA Routing and Switching curriculum. The Companion Guide is designed as a portable desk reference to use anytime, anywhere to reinforce the material from the course and organize your time. The book's features help you focus on important concepts to succeed in this course: Chapter Objectives–Review core concepts by answering the focus questions listed at the beginning of each chapter. Key Terms–Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter. Glossary–Consult the comprehensive Glossary with 347 terms. Summary of Activities and Labs–Maximize your study time with this complete list of all associated practice exercises at the end of each chapter. Check Your Understanding–Evaluate your readiness with the end-of-chapter questions that match the style of questions you see in the online course quizzes. The answer key explains each answer. How To–Look for this icon to studythe steps you need to learn to perform certain tasks. Interactive Activities–Reinforce your understanding of topics with dozens of exercises from the online course identified throughout the book with this icon. Packet Tracer Activities–Explore and visualize networking concepts using Packet Tracer exercises interspersed throughout the chapters and provided in the accompanying Labs & Study Guide book. Videos–Watch the videos embedded within the online course. Hands-on Labs–Work through all the course labs and additional Class Activities that are included in the course and published in the separate Labs & Study Guide.
Design a virtualized data center with VMware vSphere 6.7
Build Virtual Network Labs Using Cisco, Juniper, and More
Becoming a Router Geek
SCION: A Secure Internet Architecture
Proceedings of Sixth International Congress on Information and Communication Technology
The Unauthorized Guide to Ubiquiti Routing and Switching Vol1
Intended for organisations needing to build an efficient and reliable enterprise network linked to the Internet, this second edition explains the current Internet architecture and shows how to evaluate service providers dealing with connection issues.
Do you want to learn Mikrotik RouterOS from Scratch and by easy to follow examples? The Mikrotik RouterOS is here for you to achieve that, just by reading the description and short description of the topic and then practice with laboratories.Do you have a Mikrotik lying around and want to know what all the noise about this excellent and affordable networking equipment brand is all about?Want to get comfortable with the Operating System and learn it from the inside out to then take any of the Mikrotik training classes and get certified?Learn from the very basic such as accessing the device for the first time and build up knowledge and expertise, create a MikroTik based network for home or office, learn and deploy DHCP Server and Client services, implement a firewall to secure your network, setup a Wireless Access Point or client device, learn and implement static and dynamic routing, setup you own VPN (client and server), The Mikrotik RouterOS Workbook will fill the gaps that you might have, it will become your companion when setting up or diagnosing Mikrotik networks.No need to have a physical RouterBOARD at hand, you can even learn using virtual environments (except wireless section).
"Shows readers how to create and manage virtual networks on a PC using the popular open-source platform GNS3, with tutorial-based explanations"--
Multicast on MikroTik with LABSMaster Multicast on RouterOS Using Step-by-step LABS
The The Complete VMware vSphere Guide
CEH: Certified Ethical Hacker Version 8 Study Guide
What every web developer should know about networking and web performance
Effectively deploy, manage, and monitor your virtual datacenter with VMware vSphere 6.7, 2nd Edition
High Performance Browser Networking
Routing Protocols Companion Guide
This introduction to networking on Linux now covers firewalls, including the use of ipchains and Netfilter, masquerading, and accounting. Other new topics in this second edition include Novell (NCP/IPX) support and INN (news administration).
Unleash the benefits of VMware vSphere 6.7 to provide a powerful, flexible and secure digital infrastructure Key FeaturesDeep dive into areas like management, security, scalability, availability and more with vSphere 6.7Design, deploy and manage VMware vSphere virtual datacentersImplement monitoring and security of VMware workloads with easeBook Description vSphere 6.7 is the latest release of VMware's industry-leading, virtual cloud platform. It allows organisations to move to hybrid cloud computing by enabling them to run, manage, connect and secure applications in a common operating environment. This up-to-date, 2nd edition provides complete coverage of vSphere 6.7. Complete with step-by-step explanations of essential concepts, practical examples and self-assessment questions, you will begin with an overview of the products, solutions and features of the vSphere 6.7 suite. You'll learn how to design and plan a virtual infrastructure and look at the workflow and installation of components. You'll gain insight into best practice configuration, management and security. By the end the book you'll be able to build your own VMware vSphere lab that can run even the most demanding of workloads. What you will learnExplore the immense functionality of vSphere 6.7Design, manage and administer a virtualization environmentGet tips for the VCP6-DCV and VCIX6-DCV examsUnderstand how to implement different migration techniques across different environmentsExplore vSphere 6.7s powerful capabilities for patching, upgrading and managing the configuration of virtual environments.Understand core vSphere componentsMaster resource management, disaster recovery, troubleshooting, monitoring and securityWho this book is for This book is for Administrators, Infrastructure Engineers, Architects, and Consultants with basic knowledge of VMware vSphere.
Thoroughly revised and expanded, this second edition adds sections on MPLS, Security, IPv6, and IP Mobility and presents solutions to the most common configuration problems.
This book gathers selected high-quality research papers presented at the Sixth International Congress on Information and Communication Technology, held at Brunel University, London, on February 25-26, 2021. It discusses emerging topics pertaining to information and communication technology (ICT) for managerial applications, e-governance, e-agriculture, e-education and computing technologies, the Internet of things (IoT) and e-mining. Written by respected experts and researchers working on ICT, the book offers a valuable asset for young researchers involved in advanced studies. The book is presented in four volumes.
DaloRADIUS User Guide
Kali Linux Penetration Testing Bible
ICICT 2021, London, Volume 3
Learn Routeros - Second Edition
The Unauthorized Ubiquiti Radio and Access Point Handbook
Cisco IOS Cookbook
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.
This work provides a guide to the configuration of Cisco routers, from tasks for beginners to advanced operations. A collection of detailed "how-to" instructions are presented, which will be of use to all professionals and students who engage with Cisco routers in the field or in the lab. The guide starts with the simple step-by-step task of connecting the router and performing basic configuration, before building up to complex and sensitive operations such as router IOS upgrade and Site-to-Site VPNs.
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.
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‚Äîincluding 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
DataPower Networking
Wireless Networking in the Developing World
Multicast on MikroTik with LABS
A+ Guide to Hardware
MikroTik Security Guide
FreeRADIUS Beginner's Guide
"This reference provides a foundation for understanding and implementing contemporary networking technologies. With Internetworking Technologies Handbook, Second Edition, you will master terms, concepts, technologies, and devices that are used in today's networking industry. You will also learn how to incorporate networking technologies into a LAN/WAN environment as well as how to apply the OSI Reference Model to categorize protocols, technologies, and devices. In addition, this handbook covers emerging technologies such as Virtual Private Networks, Multi-Service Access, and Quality of Service networking. Internetworking Technologies Handbook, Second Edition is an essential reference for every networking professional."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved
Manage your network resources with FreeRADIUS by mastering authentication, authorization and accounting.
Prepare for the new Certified Ethical Hacker version 8 exam with this Sybex guide Security professionals remain in high demand. The Certified Ethical Hacker is a one-of-a-kind certification designed to give the candidate a look inside the mind of a hacker. This study guide provides a concise, easy-to-follow approach that covers all of the exam objectives and includes numerous examples and hands-on exercises. Coverage includes cryptography, footprinting and reconnaissance, scanning networks, enumeration of services, gaining access to a system, Trojans, viruses, worms, covert channels, and much more. A companion website includes additional study tools, Including practice exam and chapter review questions and electronic flashcards. Security remains the fastest growing segment of IT, and CEH certification provides unique skills The CEH also satisfies the Department of Defense ' s 8570 Directive, which requires all Information Assurance government positions to hold one of the approved certifications This Sybex study guide is perfect for candidates studying on their own as well as those who are taking the CEHv8 course Covers all the exam objectives with an easy-to-follow approach Companion website includes practice exam questions, flashcards, and a searchable Glossary of key terms CEHv8: Certified Ethical Hacker Version 8 Study Guide is the book you need when you're ready to tackle this challenging exam Also available as a set, Ethical Hacking and Web Hacking Set, 9781119072171 with The Web Application Hacker's Handbook: Finding and Exploiting Security Flaws, 2nd Edition.
This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. Learn practical guidelines for designing and deploying a scalable BGP routing architecture Up-to-date coverage of BGP features like performance tuning, multiprotocol BGP, MPLS VPN, and multicast BGP In-depth coverage of advanced BGP topics to help design a complex BGP routing architecture Practical design tips that have been proven in the field Extensive configuration examples and case studies BGP Design and Implementation focuses on real-world problems and provides not only design solutions, but also the background on why they are appropriate and a practical overview of how they apply into a top-down design. The BGP protocol is being used in both service provider and enterprise networks. The design goals of these two groups are different, leading to different architectures being used in each environment. The title breaks out the separate goals, and resulting solutions for each group to assist the reader in further understanding different solution strategies. This book starts by identifying key features and functionality in BGP. It then delves into the topics of performance tuning, routing policy development, and architectural scalability. It progresses by examining the challenges for both the service provider and enterprise customers, and provides practical guidelines and a design framework for each. BGP Design and Implementation finishes up by closely looking at the more recent extensions to BGP through Multi-Protocol BGP for MPLS-VPN, IP Multicast, IPv6, and CLNS. Each chapter is generally organized into the following sections: Introduction, Design and Implementation Guidelines, Case Studies, and Summary.
Mastering VMware vSphere 6.7
The Mikrotik RouterOS WorkBook
Proceedings of IEMIS 2020, Volume 3
Emerging Technologies in Data Mining and Information Security
Packet Guide to Routing and Switching
Exa 21 Of Cer Gui ePub_5
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
Your easy-to-follow step-by-step guide to configuring a Cisco router from the ground up The Accidental Administratortm: Cisco Router Step-by-Step Configuration Guide is packed with more than 30 easy-to-follow interactive exercises, loads of screen captures, and lots of step-by-step examples to help you build a working router from scratch. Easily the most straightforward approach to learning how to configure a Cisco router, this book is filled with practical tips and secrets learned from years of Don s teaching and consulting on Cisco network devices. As a bonus, you won t waste your time on boring theory. All the essentials are covered in chapters on installing, backups and restores, and TCP/IP. You ll learn the nitty-gritty on subnetting, remote administration, routing protocols, static routing, access-control lists, site-to-site VPNs, network address translation (NAT), DHCP, password recovery, and security. There s even an entire chapter on the new Internet Protocol version 6 (IPv6). Here's just some of what you'll find: How to configure and manage access lists How to set up a site-to-site VPN How to implement IPv6 All the information is presented in a straightforward style that you can understand and use right away. With The Accidental Administrator: Cisco Router Step-by-Step Configuration Guide you ll be able to sit down with your routers and build a working configuration in a matter of minutes. Of course, some of the more advanced configs may take a little longer, but even so, you'll be able to "get 'er done" in a minimal amount of time In addition, there are supporting videos and a supporting webpage to provide even more help and updated information.
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.
Explore the benefits of VMware vSphere 6.7 to provide a powerful, flexible, and secure virtual infrastructure, and secure apps. Next, you'll pick up on how to enhance your infrastructure with high-performance storage access, such as remote direct memory access (RDMA) and Persistent Key FeaturesDesign, deploy and manage VMware vSphere virtual data centersImplement monitoring and security of VMware workloads with easeExplore tips and techniques for designing a robust virtual infrastructureBook Description vSphere 6.7 is the latest release of VMware's industry-leading virtual cloud platform. By understanding how to manage, secure, and scale apps with vSphere 6.7, you can easily run even the most demanding of workloads. This Learning Path begins with an overview of the features of the vSphere 6.7 suite. You'll learn how to plan and design a virtual infrastructure. You'll also gain insights into best practices to efficiently configure, manage, and secure apps. Next, you'll pick up on how to enhance your infrastructure with high-performance storage access, such as remote direct memory access (RDMA) and Persistent memory. The book will even guide you in securing your network with security features, such as encrypted vMotion and VM-level encryption. Finally, by learning how to apply Proactive High Availability and Predictive Distributed Resource Scheduler (DRS), you'll be able to achieve enhanced compute, storage, network, and management capabilities for your virtual data center. By the end of this Learning Path, you'll be able to build your own VMware vSphere lab that can run high workloads. This Learning Path includes content from the following Packt products: VMware vSphere 6.7 Data Center Design Cookbook - Third Edition by Mike Brown and Hersey CartwrightMastering VMware vSphere 6.7 - Second Edition by Martin Gavanda, Andrea Mauro, Karel Novak, and Paolo ValsecchiWhat you will learnUnderstand how to patch, upgrade, and manage a virtual environment with vSphere 6.7Identify key factors related to a vSphere designMitigate security risks and meet compliance requirements in a vSphere designCreate a vSphere conceptual design by identifying technical and business requirementsMap the logical resource design into the physical vSphere designCreate professional vSphere design documentationWho this book is for This Learning Path is for administrators, infrastructure engineers, consultants, and architects who want to design virtualized data center environments using VMware vSphere 6.x (or previous versions of vSphere and the supporting components). Basic knowledge of VMware vSphere is required to get the most out of this Learning Path.
Understanding and Deploying IKEv2, IPsec VPNs, and FlexVPN in Cisco IOS
The Ultimate Guide to Minecraft Server
Exploring the Network Layer
MTCNA Study Guide
The Accidental Administrator
Cisco Router Step-By-Step Configuration Guide
An inspirational story of a man who overcame obstacles and challenges to achieve his dreams. In an accident in 1980, Limbie, a healthy young man, was reduced to a quadriplegic. Read through his fears, sorrow, hope and courage in this heart-open honest book.
This is Volume II of the long-awaited second edition of the 'bible' and expert guide to deploying, using, and managing IBM DataPower Gateway Appliances. It is updated for firmware version 7.2. DataPower appliances can simplify deployment, strengthen security, enhance performance, and dramatically improve return on investment for many use cases, such as mobile, Web, API, legacy, cloud, and SOA/Web Services. In this book, a team of leading experts show how to make the most of DataPower appliances in any IT environment. The authors present DataPower information and insights that are available nowhere else. Writing for working architects, administrators, developers, and security specialists, they draw extensively on their deep experience, helping IBM customers use DataPower technologies to solve challenging system integration problems. This volume concentrates on DataPower networking, and features chapters on beginning and advanced networking, as well as network-level availability.
Complete Administrator's User Guide to daloRADIUS PlatformdaloRADIUS is an advanced RADIUS web platform aimed at managing hotspots and general-purpose ISP deployments. It features user management, graphical reporting, accounting, and integration with GoogleMaps for geo-locating. daloRADIUS integrates with FreeRADIUS's database to provide centralized management and control for RADIUS deployments.Those who would find daloRADIUS to be of use are most notably RADIUS operators and administrators, network and systems administrators, integration engineers and NOC departments. Companies or individuals running hotspot captive portals or remote access technologies such as VPNs are likely to find daloRADIUS a great fit to manage their users database records.
Learn Cacti and design a robust Network Operations Center.
CCIE Routing and Switching v5.0 Official Cert Guide, Volume 2
Learn RouterOS From Scratch
CCIE Routing and Switching v5.0 Official Cert Guide, Volume 1, Fifth Edition
Master Multicast on RouterOS Using Step-by-step LABS
Master Switching on MikroTik - All Topics in the MTCSWE Certification Exam Are Covered
Interpreting Data in Senior Biology
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

Create and manage highly-secure Ipsec VPNs with IKEv2 and Cisco FlexVPN The IKEv2 protocol significantly improves VPN security, and Cisco's FlexVPN offers a unified paradigm and command line interface for taking full advantage of it. Simple and modular, FlexVPN relies extensively on tunnel interfaces while maximizing compatibility with legacy VPNs. Now, two Cisco network security experts offer a complete, easy-tounderstand, and practical introduction to IKEv2, modern IPsec VPNs, and FlexVPN. The authors explain each key concept, and then guide you through all facets of FlexVPN planning, deployment, migration, configuration, administration, troubleshooting, and optimization. You'll discover how IKEv2 improves on IKEv1, master key IKEv2 features, and learn how to apply them with Cisco FlexVPN. IKEv2 IPsec Virtual Private Networks offers practical design examples for many common scenarios, addressing IPv4 and IPv6, servers, clients, NAT, pre-shared keys, resiliency, overhead, and more. If you're a network engineer, architect, security specialist, or VPN administrator, you'll find all the knowledge you need to protect your organization with IKEv2 and FlexVPN. Understand IKEv2 improvements: anti-DDoS cookies, configuration payloads, acknowledged responses, and more Implement modern secure VPNs with Cisco IOS and IOS-XE Plan and deploy IKEv2 in diverse real-world environments Configure IKEv2 proposals, policies, profiles, keyrings, and authorization Use advanced IKEv2 features, including SGT transportation and IKEv2 fragmentation Understand FlexVPN, its tunnel interface types, and IOS AAA infrastructure Implement FlexVPN Server with EAP authentication, pre-shared keys, and digital signatures Deploy, configure, and customize FlexVPN clients Configure, manage, and troubleshoot the FlexVPN Load Balancer Improve FlexVPN resiliency with dynamic tunnel source, backup peers, and backup tunnels Monitor IPsec VPNs with AAA, SNMP, and Syslog Troubleshoot connectivity, tunnel creation, authentication, authorization, data encapsulation, data encryption, and overlay routing Calculate IPsec overhead and fragmentation Plan your IKEv2 migration: hardware, VPN technologies, routing, restrictions, capacity, PKI, authentication, availability, and more

IBM DataPower Handbook

Through the Eye of the Storm

Networking with MikroTik

A+ Guide to IT Technical Support (Hardware and Software)

IKEv2 IPsec Virtual Private Networks