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Network Security, Firewalls, and VPNs Network Security, Firewalls, and VPNs Guide to Firewalls and VPNs Network Security, Firewalls and VPNs Firewalls and VPNs Network Security, Firewalls, and VPNs with Cloud Labs Network Security, Firewalls, and VPNs, 3rd Edition Network Security, Firewalls, and VPNs Network Security Firewalls & VPNs Lab Manual Network Security, Firewalls, and VPNs Basics Of Network Security Firewalls And Vpns Network Security, Firewalls and VPNs Virtual Private Networking Sicherheit auf IP-Ebene Sicherheit. Risiken? STUDYGUIDE FOR NETWORK SECURIT Laboratory Manual to Accompany Network Security, Firewalls, and VPNs Firewall Policies and VPN Configurations Intergrating Juniper Networks Firewalls and VPNs Into High-Performance Networks Guide to Firewalls and VPNs Cisco ASA Die Kunst der Anonymität im Internet Laboratory Manual to Accompany Network Security, Firewalls, and VPNs (ITT Edition IS3220) Guide to Firewalls and Network Security Inside Network Perimeter Security CCSP: Secure PIX and Secure VPN Study Guide VPN mit Linux Using Firewalls to Realize VPNs in a Service Provider's IP-network Understanding the Cisco ASA Firewall VPN - Virtuelle Private Netzwerke Firewalls For Dummies Netzwerk- und Datensicherheit Track 2-firewalls, Perimeter Protection and VPNs Guidelines on Firewalls and Firewall Policy Configuring Check Point NGX VPN-1/Firewall-1 Firewalls im Unternehmenseinsatz CheckPoint NG VPN 1/Firewall 1 Understanding the Cisco ASA Firewall Computer & Literatur Der OPNsense-Praktiker

Network Security, Firewalls, and VPNs, 3rd Edition Aug 19 2022 Network Security, Firewalls, and VPNs, third Edition provides a unique, in-depth look at the major business challenges and threats that are introduced when an organization's network is connected to the public Internet.

Guide to Firewalls and VPNs Jul 06 2021

Using Firewalls to Realize VPNs in a Service Provider's IP-network Oct 29 2020

CCSP: Secure PIX and Secure VPN Study Guide Dec 31 2020 Here's the book you need to prepare for Cisco's Secure PIX Firewall

(CSPFA) and Secure VPN (CSVPN) exams. This two-in-one Study Guide provides: In-depth coverage of all exam topics Practical information on implementing Cisco's Secure PIX and Secure VPN technologies Hundreds of challenging review questions Leading-edge exam preparation software, including a test engine and electronic flashcards Authoritative coverage of all exam objectives, including: Secure PIX Firewall: Translations and Connections Access Control Lists and Content Filtering Object Grouping Advanced Protocol Handling Attack Guards, Intrusion Detection, and Shunning Authentication, Authorization, and Accounting Failover Cisco PIX Device Manager Enterprise PIX Firewall Management and Maintenance Firewall Services Module Secure VPN: VPN and IPSec Technology Overview VPN 3000 Concentrator Series Hardware Remote Access with Pre-shared Keys and Digital Certificates IPSec Software Client Firewalls Software Client Auto-Initiation Hardware Client Configuration Network Client Backup and Load Balancing Software Auto-Update Configuring for the IPSec Over UDP and IPSec Over TCP\ LAN-to-LAN with Pre-Shared Keys, NAT, and Digital Certificates Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Configuring Check Point NGX VPN-1/Firewall-1 Mar 22 2020 Check Point NGX VPN-1/Firewall-1 is the next major release of Check Point's flagship firewall software product, which has over 750,000 registered users. The most significant changes to this release are in the areas of Route Based VPN, Directional VPN, Link Selection & Tunnel Management, Multiple Entry Points, Route Injection Mechanism, Wire Mode, and SecurePlatform Pro. Many of the new features focus on how to configure and manage Dynamic Routing rules, which are essential to keeping an enterprise network both available *and* secure. Demand for this book will be strong because Check Point is requiring all of its 3rd party developers to certify their products for this release. * Packed full with extensive coverage of features new to the product, allowing 3rd party partners to certify NGX add-on products quickly * Protect your network from both internal and external threats and learn to recognize future threats * All yuou need to securly and efficiently deploy, troubleshoot, and maintain Check Point NXG

Understanding the Cisco ASA Firewall Dec 19 2019 This is a best practices course on how to set-up, manage, and troubleshoot firewalls and VPNs using the Cisco ASA (Adaptive Security

Appliance). Drawing on his 15 years of experience implementing Cisco firewalls, instructor Jimmy Larsson shows you the actual hands-on commands and configurations he uses in real life situations. The course is targeted at first time Cisco ASA users and those with some ASA experience looking to fill the gaps in their knowledge. Larsson recommends that learners have access to a Cisco firewall in order to practice the methods covered in the course. Gain the practical knowledge required to set-up and manage Cisco firewalls and VPNs Explore ASA hardware models, CLI basics, and core firewall configuration practices Acquire a thorough understanding of how network address translation works Learn basic and advanced methods for configuring the AnyConnect client VPN solution Discover how to configure, manage, and troubleshoot site-to-site VPN tunnels Understand packet capture and how to use troubleshooting tools like Packet Tracer Get exposed to advanced methods for enhancing firewall functionality Jimmy Larsson runs Secyourity AB, a network security company focused on Cisco-based security products and solutions. He's been in IT since 1990 working for companies such as ATEA and LAN Assistans. He's certified in Cisco CCNA Routing & Switching, CCNA Security, CCNP Routing & Switching, CCNP Security, Check Point CCSE, and ISC2 CISSP in Information Security.

Laboratory Manual to Accompany Network Security, Firewalls, and VPNs (ITT Edition IS3220) Apr 03 2021

VPN mit Linux Nov 29 2020

Guidelines on Firewalls and Firewall Policy Apr 22 2020 This updated report provides an overview of firewall technology, and helps organizations plan for and implement effective firewalls. It explains the technical features of firewalls, the types of firewalls that are available for implementation by organizations, and their security capabilities. Organizations are advised on the placement of firewalls within the network architecture, and on the selection, implementation, testing, and management of firewalls. Other issues covered in detail are the development of firewall policies, and recommendations on the types of network traffic that should be prohibited. The appendices contain helpful supporting material, including a glossary and lists of acronyms and abreviations; and listings of in-print and online resources. Illus.

Computer & Literatur Nov 17 2019

Guide to Firewalls and Network Security Mar 02 2021 Previous ed. published as by Greg Holden. Boston, Mass.: Course

Technology, 2004.

Laboratory Manual to Accompany Network Security, Firewalls, and VPNs Oct 09 2021

Intergrating Juniper Networks Firewalls and VPNs Into High-Performance Networks Aug 07 2021

Network Security, Firewalls, and VPNs with Cloud Labs Sep 20 2022 Print Textbook & Cloud Lab Access: 180-day subscription. The cybersecurity Cloud Labs for Network Security, Firewalls, and VPNs provide fully immersive mock IT infrastructures with live virtual machines and real software, where students will learn and practice the foundational information security skills they will need to excel in their future careers. Unlike simulations, these hands-on virtual labs reproduce the complex challenges of the real world, without putting an institution's assets at risk. Available as a standalone lab solution or bundled with Jones & Bartlett Learning textbooks, these cybersecurity Cloud Labs are an essential tool for mastering key course concepts through hands-on training. Labs: Lab 1: Assessing the Network with Common Security Tools Lab 2: Defending the Network from a Simulated Malware Attack Lab 3: Designing a Secure Network Topology Lab 4: Configuring the Windows Defender Firewall Lab 5: Planning and Configuring a Physical Firewall Implementation Lab 6: Monitoring and Logging Firewall Traffic Lab 7: Planning and Configuring Custom Firewall Rules Lab 8: Configuring a VPN Server with pfSense Lab 9: Configuring a VPN Client for Secure File Transfers Lab 10: Penetration Testing a pfSense Firewall Supplemental Lab 1: Analyzing Protocols with Wireshark Supplemental Lab 2: Using Wireshark and NetWitness Investigator to Analyze Wireless Traffic Supplemental Lab 3: Using Social Engineering Techniques to Plan an Attack Supplemental Lab 4: Attacking a Virtual Private Network Supplemental Lab 5: Drafting a Network Security Policy

Network Security, Firewalls, and VPNs May 16 2022 PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES! Network Security, Firewalls, and VPNs provides a unique, in-depth look at the major business challenges and threats that are introduced when an organization’s network is connected to the public Internet. Written by an industry expert, this book provides a comprehensive explanation of network security basics, including how hackers access online networks and the use of Firewalls and VPNs to provide security

countermeasures. Using examples and exercises, this book incorporates hands-on activities to prepare the reader to disarm threats and prepare for emerging technologies and future attacks.

Network Security, Firewalls and VPNs Mar 14 2022 Print Textbook & Virtual Security Cloud Lab Access: 180-day subscription. Please confirm the ISBNs used in your course with your instructor before placing your order; your institution may use a custom integration or an access portal that requires a different access code. Fully revised and updated with the latest data from the field, Network Security, Firewalls, and VPNs, Second Edition provides a unique, in-depth look at the major business challenges and threats that are introduced when an organization's network is connected to the public Internet. Written by an industry expert, this book provides a comprehensive explanation of network security basics, including how hackers access online networks and the use of Firewalls and VPNs to provide security countermeasures. Using examples and exercises, this book incorporates hands-on activities to prepare the reader to disarm threats and prepare for emerging technologies and future attacks.

Cisco ASA Jun 05 2021 Cisco® ASA All-in-One Next-Generation Firewall, IPS, and VPN Services, Third Edition Identify, mitigate, and respond to today’s highly-sophisticated network attacks. Today, network attackers are far more sophisticated, relentless, and dangerous. In response, Cisco ASA: All-in-One Next-Generation Firewall, IPS, and VPN Services has been fully updated to cover the newest techniques and Cisco technologies for maximizing end-to-end security in your environment. Three leading Cisco security experts guide you through every step of creating a complete security plan with Cisco ASA, and then deploying, configuring, operating, and troubleshooting your solution. Fully updated for today’s newest ASA releases, this edition adds new coverage of ASA 5500-X, ASA 5585-X, ASA Services Module, ASA next-generation firewall services, EtherChannel, Global ACLs, clustering, IPv6 improvements, IKEv2, AnyConnect Secure Mobility VPN clients, and more. The authors explain significant recent licensing changes; introduce enhancements to ASA IPS; and walk you through configuring IPsec, SSL VPN, and NAT/PAT. You’ll learn how to apply Cisco ASA adaptive identification and mitigation services to systematically strengthen security in network environments of

all sizes and types. The authors present up-to-date sample configurations, proven design scenarios, and actual debugs— all designed to help you make the most of Cisco ASA in your rapidly evolving network. Jazib Frahim, CCIE® No. 5459 (Routing and Switching; Security), Principal Engineer in the Global Security Solutions team, guides top-tier Cisco customers in security-focused network design and implementation. He architects, develops, and launches new security services concepts. His books include Cisco SSL VPN Solutions and Cisco Network Admission Control, Volume II: NAC Deployment and Troubleshooting. Omar Santos, CISSP No. 463598, Cisco Product Security Incident Response Team (PSIRT) technical leader, leads and mentors engineers and incident managers in investigating and resolving vulnerabilities in Cisco products and protecting Cisco customers. Through 18 years in IT and cybersecurity, he has designed, implemented, and supported numerous secure networks for Fortune® 500 companies and the U.S. government. He is also the author of several other books and numerous whitepapers and articles. Andrew Ossipov, CCIE® No. 18483 and CISSP No. 344324, is a Cisco Technical Marketing Engineer focused on firewalls, intrusion prevention, and data center security. Drawing on more than 16 years in networking, he works to solve complex customer technical problems, architect new features and products, and define future directions for Cisco’s product portfolio. He holds several pending patents. Understand, install, configure, license, maintain, and troubleshoot the newest ASA devices Efficiently implement Authentication, Authorization, and Accounting (AAA) services Control and provision network access with packet filtering, context-aware Cisco ASA next-generation firewall services, and new NAT/PAT concepts Configure IP routing, application inspection, and QoS Create firewall contexts with unique configurations, interfaces, policies, routing tables, and administration Enable integrated protection against many types of malware and advanced persistent threats (APTs) via Cisco Cloud Web Security and Cisco Security Intelligence Operations (SIO) Implement high availability with failover and elastic scalability with clustering Deploy, troubleshoot, monitor, tune, and manage Intrusion Prevention System (IPS) features Implement site-to-site IPsec VPNs and all forms of remote-access VPNs (IPsec, clientless SSL, and client-based SSL) Configure and troubleshoot Public Key Infrastructure (PKI) Use IKEv2 to more effectively resist attacks against VPNs

Leverage IPv6 support for IPS, packet inspection, transparent firewalls, and site-to-site IPsec VPNs

Track 2-firewalls, Perimeter Protection and VPNs May 24 2020

STUDYGUIDE FOR NETWORK SECURIT Nov 10 2021 Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanies: 9781284031676. This item is printed on demand.

Der OPNsense-Praktiker Oct 17 2019 Simple Paketfilter waren gestern. Selbst im Open-Source-Bereich sind die Next-Generation Firewalls angekommen. Und OPNsense mischt ganz vorn mit, wenn es um Einbruchserkennung, Applikationskontrolle, Web-Filter oder Anti-Virus geht. Denn kein Netz ist zu unbedeutend, um nicht attackiert zu werden. Selbst Heimnetze, Armbanduhren und Lichtschalter sind bedroht und erwarten eine gesicherte Umgebung. Eine Firewall ist ein Baustein des Sicherheitskonzepts. Sie schützt vor bekannten und neuen Gefahren für Computer und Netze. Den höchsten Schutz bietet eine Firewall, wenn ihre Funktionen bekannt sind, die Bedienung einfach ist und sie optimal in der umgebenden Infrastruktur platziert ist. OPNsense tritt die Herausforderung an und erfüllt die Kriterien auf unterschiedliche Weise. Dieses Buch ist der ideale Begleiter zum Verstehen, Installieren und Einrichten von OPNsense. Jedes Kapitel erklärt eine Problemsituation, beschreibt die theoretischen Grundlagen und stellt ein Laborexperiment zum Nachvollziehen vor. Schließlich zeigt es den Lösungsansatz mit Methoden von OPNsense und die technischen Hintergründe. Die Kapitel sind weitgehend unabhängig voneinander, steigern sich aber in ihrem Niveau. So sind die Themen geeignet vom Einsteiger bis zum Profi.

Network Security Firewalls & VPNs Lab Manual Jun 17 2022

CheckPoint NG VPN 1/Firewall 1 Jan 20 2020 Check Point Software Technologies is the worldwide leader in securing the Internet. The company's Secure Virtual Network (SVN) architecture provides the infrastructure that enables secure and reliable Internet communications. Check Point recently announced a ground-breaking user interface that meets the industry's next generation Internet security requirements, including simplified security management for increasingly complex environments. Built upon Check Point's Secure Virtual Network (SVN) architecture, the

Next Generation User Interface revolutionizes the way security administrators define and manage enterprise security by further integrating management functions into a security dashboard and creating a visual picture of security operations. The Next Generation User Interface delivers unparalleled ease-of-use, improved security and true end-to-end security management. Check Point's revenues have more than doubled in each of the last two years, while capturing over 50% of the VPN market and over 40% of the firewall market according to IDC Research. The explosive growth of the company is further evidenced by over 29,000 IT professionals becoming Check Point Certified so far. This book will be the complimentary to Syngress' best-selling Check Point Next Generation Security Administration, which was a foundation-level guide to installing and configuring Check Point NG. This book will assume that readers have already mastered the basic functions of the product and they now want to master the more advanced security and VPN features of the product. Written by a team of Check Point Certified Instructors (the most prestigious Check Point certification) this book will provide readers with a complete reference book to Check Point NG and advanced case studies that illustrate the most difficult to implement configurations. Although not a Study Guide, this book will cover all of the objectives on Check Point's CCSE Exam. · The reader will learn to design and configure a Virtual Private Network (VPN). · The reader will learn to configure Check Point NG for High Availability (HA), which is the ability of a system to perform its function continuously (without interruption) for a significantly longer period of time than the reliabilities of its individual components would suggest. · The reader will learn to use SeucureUpdate, which allows them to perform simultaneous, secure, enterprise-wide software updates.

Inside Network Perimeter Security Feb 01 2021 "Inside Network Perimeter Security" is the authoritative guide for designing, deploying, and managing sound perimeter defense solutions. It covers a wide range of network security technologies and explains how they relate to each other.

VPN - Virtuelle Private Netzwerke Aug 27 2020

Network Security, Firewalls, and VPNs Jan 24 2023 PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES!Network Security, Firewalls, and VPNs provides a unique, in-depth look at the major business challenges and threats that are introduced when an organization's network is

connected to the public Internet. Written by an industry expert, this book provides a comprehensive explanation of network security basics, including how hackers access online networks and the use of Firewalls and VPNs to provide security countermeasures. Using examples and exercises, this book incorporates hands-on activities to prepare the reader to disarm threats and prepare for emerging technologies and future attacks.

Virtual Private Networking Feb 13 2022

Inhaltsangabe:Einleitung: Der sicherlich größte Nutzen dieser Technologie liegt in der Möglichkeit, die teuren, gemieteten Standleitungen durch billige, frei verfügbare öffentliche Leitungen zu ersetzten. Da aber auch Standleitungen mehr und mehr von Angriffen betroffen sind, wird in letzter Zeit auch dazu übergegangen VPN Technologie über Frame-Relay Verbindungen anzuwenden. Diese Diplomarbeit gibt einen Einführung in die Technologien, die hinter einem Virtuellen Privaten Netzwerk stecken. Es werden die technischen Grundlagen und die möglichen Topologien eines VPN erläutert, und auch die Gefahrenpotentiale im Internet, und die Möglichkeiten, die ein VPN bietet, diese Gefahren zu bekämpfen. Weiters enthält die Arbeit einen Überblick über die in VPNs verwendeten Standards und Protokolle. Es werden dabei die Themen Kryptographie (Verschlüsselung und Authentifikation), Firewalling und die in VPNs verwendeten Protokolle besprochen. Das Hauptaugenmerk liegt in einem Überblick der derzeit am Markt befindlichen VPN-Produkte, kategorisiert nach hardware- und softwarebasierten Produkten, und Firewalls, Switches und Router, die VPN Funktionalitäten implementiert haben. Zu diesen Produkten werden kurze Beschreibungen und die Schlüsselfunktionalitäten des jeweiligen Produktes angeführt. Den Abschluss dieses Kapitels bildet eine Zusammenfassung der beschriebenen Produkte in tabellarischer Form, wo die wichtigsten Funktionalitäten bezüglich VPN dargestellt werden. Inhaltsverzeichnis:Inhaltsverzeichnis: 1.EINFÜHRUNG9 1.1Definition von Virtual Private Networking9 1.2Vorteile des Einsatzes von VPNs11 1.3Mögliche Topologien eines VPN12 1.3.1End-To-End-VPN12 1.3.2Site-To-Site-VPN13 1.3.3End-To-Site-VPN15 1.4Die Gefahren im Internet16 1.4.1Kryptographische Angriffe16 1.4.2Angriffe im Netz17 1.4.3Auswirkungen von Angriffen18 1.4.4Schutz durch VPN gegen Angriffe19 2.STANDARDS UND PROTOKOLLE20 2.1Kryptographie20 2.1.1Einführung20 2.1.2Grundlagen21 2.1.3Hashalgorithmen22

Network Security, Firewalls and VPNs Nov 22 2022 This fully revised and updated second edition provides a unique, in-depth look at the major business challenges and threats that are introduced when an organization's network is connected to the public Internet. It provides a comprehensive explanation of network security basics, including how hackers access online networks and the use of Firewalls and VPNs to provide security countermeasures. Using examples and exercises, this book incorporates hands-on activities to prepare the reader to disarm threats and prepare for emerging technologies and future attacks. Topics covered include: the basics of network security--exploring the details of firewall security and how VPNs operate; how to plan proper network security to combat hackers and outside threats; firewall configuration and deployment and managing firewall security; and how to secure local and internet communications with a VP. --

Die Kunst der Anonymität im Internet May 04 2021 Ob Sie wollen oder nicht – jede Ihrer Online-Aktivitäten wird beobachtet und analysiert Sie haben keine Privatsphäre. Im Internet ist jeder Ihrer Klicks für Unternehmen, Regierungen und kriminelle Hacker uneingeschränkt sichtbar. Ihr Computer, Ihr Smartphone, Ihr Auto, Ihre Alarmanlage, ja sogar Ihr Kühlschrank bieten potenzielle Angriffspunkte für den Zugriff auf Ihre Daten. Niemand kennt sich besser aus mit dem Missbrauch persönlicher Daten als Kevin Mitnick. Als von der US-Regierung ehemals meistgesuchter Computer-Hacker kennt er alle Schwachstellen und Sicherheitslücken des digitalen Zeitalters. Seine Fallbeispiele sind spannend und erschreckend: Sie werden Ihre Aktivitäten im Internet neu überdenken. Mitnick weiß aber auch, wie Sie Ihre Daten bestmöglich schützen. Er zeigt Ihnen anhand zahlreicher praktischer Tipps und Schritt-für-Schritt-Anleitungen, was Sie tun können, um online und offline anonym zu sein. Bestimmen Sie selbst über Ihre Daten. Lernen Sie, Ihre Privatsphäre im Internet zu schützen. Kevin Mitnick zeigt Ihnen, wie es geht.

Hinterlassen Sie keine Spuren ● Sichere Passwörter festlegen und verwalten ● Mit dem Tor-Browser im Internet surfen, ohne Spuren zu hinterlassen ● E-Mails und Dateien verschlüsseln und vor fremden Zugriffen schützen ● Öffentliches WLAN, WhatsApp, Facebook & Co. sicher nutzen ● Sicherheitsrisiken vermeiden bei GPS, Smart-TV, Internet of Things und Heimautomation ● Eine zweite Identität anlegen und unsichtbar werden

Firewall Policies and VPN Configurations Sep 08 2021 A firewall is as good as its policies and the security of its VPN connections. The latest generation of firewalls offers a dizzying array of powerful options; they key to success is to write concise policies that provide the appropriate level of access while maximizing security. This book covers the leading firewall products: Cisco PIX, Check Point NGX, Microsoft ISA Server, Juniper's NetScreen Firewall, and SonicWall. It describes in plain English what features can be controlled by a policy, and walks the reader through the steps for writing the policy to fit the objective. Because of their vulnerability and their complexity, VPN policies are covered in more depth with numerous tips for troubleshooting remote connections. · The only book that focuses on creating policies that apply to multiple products. · Included is a bonus chapter on using Ethereal, the most popular protocol analyzer, to monitor and analyze network traffic. · Shows what features can be controlled by a policy, and walks you through the steps for writing the policy to fit the objective at hand

Firewalls and VPNs Oct 21 2022 This book solves the need for a resource that illustrates the principles underlying security technology, as well as provides complete hands-on exercises that will serve as valuable practice for users. Based on open-source software, this book is oriented toward the first-time networking reader. Progressive, practical exercises build confidence; SOHO (small-office-home-office) users will also be impressed with the information provided, as for these users the affordability of open-source solutions can be critical. Comprehensive coverage includes: TCP/IP and related protocols, open-source firewalls, services support and applications that firewalls protect, IPsec and TLS-based VPNs, and firewall log and log servers. An excellent reference and resource for network administrators, security administrators, chief security officers, and anyone with the following certifications: SANS, GSEC, MCSE, MCSA, CNE, A+, and Security+.

Netzwerk- und Datensicherheit Jun 24 2020 Sie sind ein erfolgreicher Hacker, finden jede Sicherheitslücke, überwinden jede Firewall und sind es gewohnt, immer an Ihr Ziel zu kommen? Dann haben wir jetzt schlechte Nachrichten für Sie: Dieses Buch wird Ihnen das Leben schwer machen! Dem Autor gelingt es, solide und verständlich das Hintergrundwissen über Netzwerk- und Datensicherheit zu vermitteln, das Ihnen das Handwerk legt. Kein Problem - mir fällt immer etwas Neues ein, das nicht im Buch steht, denken Sie? Dann haben wir noch eine schlechte Nachricht: Ihre neuesten Tricks verraten wir immer aktuell auf der Homepage zum Buch. "Fern marktschreierischer Glätte und Oberflächlichkeit sowie akademischer Sperrigkeit und Praxisfeindlichkeit ist Kappes eine solide Einführung gelungen, die mit jeder Seite zeigt, dass der Autor um die Bedürfnisse seiner Leser in Sachen IT-Sicherheit weiß." Buchkatalog.de, 29.05.2008

Firewalls For Dummies Jul 26 2020 What an amazing world we live in! Almost anything you can imaginecan be researched, compared, admired, studied, and in many cases,bought, with the click of a mouse. The Internet has changed ourlives, putting a world of opportunity before us. Unfortunately, ithas also put a world of opportunity into the hands of those whosemotives are less than honorable. A firewall, a piece of software orhardware that erects a barrier between your computer and those whomight like to invade it, is one solution. If you've been using the Internet for any length of time,you've probably received some unsavory and unsolicitede-mail. If you run a business, you may be worried about thesecurity of your data and your customers' privacy. At home,you want to protect your personal information from identity thievesand other shady characters. Firewalls ForDummies® will give you the lowdown onfirewalls, then guide you through choosing, installing, andconfiguring one for your personal or bus iness network. Firewalls For Dummies® helps youunderstand what firewalls are, how they operate on different typesof networks, what they can and can't do, and how to pick agood one (it's easier than identifying that perfect melon inthe supermarket.) You'll find out about Developing security policies Establishing rules for simple protocols Detecting and responding to system intrusions Setting up firewalls for SOHO or personal use Creating demilitarized zones Using Windows or Linux as a firewall Configuring ZoneAlarm, BlackICE, and Norton personalfirewalls Installing and using ISA server and FireWall-1 With the handy tips and hints this book provides, you'llfind

that firewalls are nothing to fear – that is,unless you're a cyber-crook! You'll soon be able tokeep your data safer, protect your family's privacy, andprobably sleep better, too.

Sicherheit auf IP-Ebene Jan 12 2022 Studienarbeit aus dem Jahr 2002 im Fachbereich Informatik - Wirtschaftsinformatik, Note: 1,3, Technische Universität Darmstadt (Informatik), Veranstaltung: Informatik Seminar Wireless Security, Sprache: Deutsch, Abstract: Diese Arbeit Beschreibt Sicherheit auf IP-Ebene (Netzwerkebene). Die Nutzung des Internet scheint sehr einfach zu sein, birgt aber manigfaltige Sicherheitsrisiken. Um Datenmanipulation oder -spionage vorzubeugen muss der Netzwerkverkehr geschützt werden. Auf Netzwerkebene gibt es mit IPSec die Möglichkeit Datenpakete mit Hilfe von IP-Tunneln zu verstecken. Diese Technik verpackt Datenpakete in neue IP Pakete, wobei der IP header selbst nicht verschlüsselt wird. Somit bleibt der Netzwerkverkehr sichtbar, aber der Inhalt der IP-Pakete kann nur vom autorisierten Empfänger entschlüsselt und gelesen werden. Darüber hinaus gibt es weitere Protokolle zur Sicherung der Netzwerkebene. Anwendungen, die Sicherheit ermöglichen sind VPNs und Firewalls. Ein VPN stellt eine sichere Verbindung über ein unsicheres Netz mit Hilfe von IPSec-Tunneln her. Eine Firewall wird als Sicherheitsabschottung zwischen Netzwerkkomponenten verwendet. Eine Firewall kann dabei als simpler Paketfilter eingesetzt werden, der nur festgelegte Kommunikation erlaubt oder als Proxy, um den direkten Netzzugang komplett abzuschotten. Moderne Firewalls erlauben sehr komplexe dynamische Konfigurationen. Zusammengefasst bleibt festzuhalten, dass man immer noch vorsichtig sein muss, bei der Nutzung des Internets. Auf Netzwerkebene ist IPSec das Mittel der Wahl um hohe Sicherheitsanforderungen zu erfüllen. Aber Sicherheit endet nicht auf der Netzwerkebene. Man muss weiterhin auf Anwendungsebene überlegen, wie Sicherheitsziele für eine User-to-User Verbindung zu erreichen sind.

Guide to Firewalls and VPNs Dec 23 2022 Firewalls are among the best-known network security tools in use today, and their critical role in information security continues to grow. However, firewalls are most effective when backed by thoughtful security planning, well-designed security policies, and integrated support from anti-virus software, intrusion detection systems, and related tools. GUIDE TO FIREWALLS AND VPNs, THIRD EDITION explores firewalls in the context of these critical elements, providing an in-depth guide that focuses on both

managerial and technical aspects of security. Coverage includes packet filtering, authentication, proxy servers, encryption, bastion hosts, virtual private networks (VPNs), log file maintenance, and intrusion detection systems. The text also features an abundant selection of realistic projects and cases incorporating cutting-edge technology and current trends, giving students the opportunity to hone and apply the knowledge and skills they will need as working professionals. GUIDE TO FIREWALLS AND VPNs includes new and updated cases and projects, enhanced coverage of network security and VPNs, and information on relevant National Institute of Standards and Technology guidelines used by businesses and information technology professionals. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Understanding the Cisco ASA Firewall Sep 27 2020 "This is a best practices course on how to set-up, manage, and troubleshoot firewalls and VPNs using the Cisco ASA (Adaptive Security Appliance). Drawing on his 15 years of experience implementing Cisco firewalls, instructor Jimmy Larsson shows you the actual hands-on commands and configurations he uses in real life situations. The course is targeted at first time Cisco ASA users and those with some ASA experience looking to fill the gaps in their knowledge. Larsson recommends that learners have access to a Cisco firewall in order to practice the methods covered in the course."--Resource description page.

Basics Of Network Security Firewalls And Vpns Apr 15 2022

Network Security, Firewalls, and VPNs Feb 25 2023 Network Security, Firewalls, and VPNs, third Edition provides a unique, in-depth look at the major business challenges and threats that are introduced when an organization’s network is connected to the public Internet.

Network Security, Firewalls, and VPNs Jul 18 2022 -Identifies how to secure local and Internet communications with a VPN.

Sicherheit. Risiken? Dec 11 2021

Firewalls im Unternehmenseinsatz Feb 19 2020 Firewalls sind in modernen Netzwerken ein nicht mehr wegzudenkender Bestandteil der Sicherheitsinfrastruktur. Um mit der technischen Entwicklung von Firmennetzwerken und des Internets Schritt zu halten, werden sie ständig verbessert und angepasst. Dieses Buch führt den Praktiker hinter die Kulissen der technischen Prinzipien und hat seinen Fokus auf den integrativen Aspekten der verwendeten

Technologien. Die schrittweise Absicherung des Netzwerks eines fiktiven mittelständischen Unternehmens zieht sich wie ein roter Faden durch das gesamte Buch. Mit über 100 detaillierten Illustrationen, angefangen von der einfachen Absicherung mit Accesslisten auf Routern bis hin zu komplexen lastverteilten Firewalls mit Multilinkanbindungen, ist es ein wertvoller Leitfaden für die Praxis. Neben allgemeinen Ratschlägen zu Netzwerktopologien und Sicherheit demonstrieren die Autoren auch deren Umsetzung anhand der Produkte führender Hersteller (zum Beispiel Check Point, Cisco, Nokia, Nortel, Radware, Rainfinity oder Stonebeat). Sie erläutern die Technologien und erleichtern Ihnen damit das Verständnis für den optimalen Einsatz des jeweiligen Produkts. Kapitel zu VPNs und Management-Architekturen von Firewalls (zum Beispiel Provider-1) runden das Buch ab und machen es sowohl für die Planer und Administratoren mittlerer, wie auch großer Netzwerkumgebungen zu einem wertvollen Ratgeber.

- Firewall Policies And VPN Configurations
- Intergrating Juniper Networks Firewalls And VPNs Into High Performance Networks
- Guide To Firewalls And VPNs
- Cisco ASA
- Die Kunst Der Anonymitat Im Internet
- Laboratory Manual To Accompany Network Security Firewalls And VPNs ITT Edition IS3220
- Guide To Firewalls And Network Security
- Inside Network Perimeter Security
- CCSP Secure PIX And Secure VPN Study Guide
- VPN Mit Linux
- Using Firewalls To Realize VPNs In A Service Providers IP network
- Understanding The Cisco ASA Firewall
- VPN Virtuelle Private Netzwerke
- Firewalls For Dummies
- Netzwerk Und Datensicherheit
- Track 2 firewalls Perimeter Protection And VPNs
- Guidelines On Firewalls And Firewall Policy
- Configuring Check Point NGX VPN 1 Firewall 1
- Firewalls Im Unternehmenseinsatz
- CheckPoint NG VPN 1 Firewall 1
- Understanding The Cisco ASA Firewall
- Computer Literatur
- Der OPNsense Praktiker