Cisco Asa Firewall Fundamentals 3rd Edition Step By Step Practical Configuration Using The Cli For Asa V8 X And V9 X

"Richard Deal's gift of making difficult technology concepts understandable has remained constant. Whether it is presenting to a room of information technology professionals or writing books, Richard's communication skills are unsurpassed. As information technology professionals we are faced with overcoming challenges every day...Cisco ASA Configuration is a great reference and tool for answering our challenges." --From the Foreword by Steve Marcinek (CCIE 7225), Systems Engineer, Cisco Systems A hands-on guide to implementing Cisco ASA Configure and maintain a Cisco ASA platform to meet the requirements of your security policy. Cisco ASA Configuration shows you how to control traffic in the corporate network and protect it from internal and external threats. This comprehensive resource covers the latest features available in Cisco ASA version 8.0, and includes detailed examples of complex configurations and troubleshooting. Implement and manage Cisco's powerful, multifunction network adaptive security appliance with help from this definitive guide. Configure Cisco ASA using the command-line interface (CLI) and Adaptive Security Device Manager (ASDM) Control traffic through the appliance with access control lists (ACLs) and object groups Filter Java, ActiveX, and web content Authenticate and authorize connections using Cut-through Proxy (CTP) Use Modular Policy Framework (MPF) to configure security appliance features Perform protocol and application inspection Enable IPsec site-to-site and remote access connections Configure WebVPN components for SSL VPN access Implement advanced features, including the transparent firewall, security contexts, and failover Detect and prevent network attacks Prepare and manage the AIP-SSM and CSC-SSM cards Master network security skills with more than five hours of personal video instruction on ASA and FWSM firewall configuration tasks.

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 Become an expert in Cisco VPN technologies with this practical and comprehensive configuration guide. Learn how to configure IPSEC VPNs (site-to-site, hub-and-spoke, remote access), SSL VPN, DMVPN, GRE, VTI etc. This book is packed with step-by-step configuration tutorials and real world scenarios to implement VPNs on Cisco ASA Firewalls (v8.4 and above and v9.x) and on Cisco Routers. It is filled with raw practical concepts, around 40 network diagrams to explain the scenarios, troubleshooting instructions, 20 complete configurations on actual devices and much more. Both beginners and experts will find some golden nuggets inside this practical guide. Every Cisco Networking Professional in this planet will have to configure some kind of VPN sooner or later in his/her professional career. This VPN Guide, therefore, will be a great reference for years to come. Some of the topics covered include the following: Policy-Based (IPSEC) and Route-Based VPNs (Comparison and Applications). Practical Applications of each VPN Technology. Configuration of Site-to-Site, Hub-and-Spoke and Remote Access IPSEC VPNs on Cisco Routers. Configuration of Route-Based VPNs using GRE, Static VTI, Dynamic VTI. Configuration of Dynamic Multipoint VPN (DMVPN) on Cisco Routers. Configuration of PPTP VPNs on Cisco Routers. Configuration of Site-to-Site and Hub-and-Spoke IPSEC VPNs (including IKEv2 IPSEC) on Cisco ASA Firewalls. Configuration of Remote Access IPSEC VPN and Anyconnect SSL VPN on Cisco ASA Firewalls. VPN Authentication using Active Directory, RSA Server and external AAA Server. PLUS MUCH MORE In addition to the most popular VPN topologies and scenarios, the book contains also some special cases for which you will not find information easily anywhere else. Some special cases and scenarios included in the book: VPNs with sites having dynamic public IP address. Implementations of hub-and-spoke together with remote access VPNs on the same device. Using Dynamic Routing Protocols (EIGRP) to make VPNs on Routers more scalable. Spoke to Spoke communication via the Hub Site (using VPN Hairpinning on ASA). Remote Access users to communicate with Spoke sites via the Hub (using VPN Hairpinning on ASA). Site-to-Site IPSEC VPN with duplicate subnets on the two sites. IPSEC VPN Failover with backup ISP. All-in-one Cisco ASA Firepower Services, NGIPS, and AMP Network Champion Guide to Cisco Routers Configuration Exam 45 Official Cert GdePub Book of PF 3rd Edition Set up next-generation firewalls from Palo Alto Networks and get to grips with configuring and troubleshooting using the PAN-OS platform Key Features Understand how to optimally use PAN-OS features Build firewall solutions to safeguard local, cloud, and mobile networks Protect your infrastructure and users by implementing robust threat prevention solutions Book Description To safeguard against security threats, it is crucial to ensure that your organization is effectively secured across networks, mobile devices, and the cloud. Palo Alto Networks' integrated platform makes it easy to manage network and cloud security along with endpoint protection and a wide range of security services. With this book, you'll understand Palo Alto Networks and learn how to implement essential techniques, right from deploying firewalls through to advanced troubleshooting. The book starts by showing you how to set up and configure the Palo Alto Networks firewall, helping you to understand the technology and appreciate the simple, yet powerful, PAN-OS platform. Once you've explored the web interface and command-line structure, you'll be able to predict expected
behavior and troubleshoot anomalies with confidence. You'll learn why and how to create strong security policies and discover how the firewall protects against encrypted threats. In addition to this, you'll get to grips with identifying users and controlling access to your network with user IDs and even prioritize traffic using quality of service (QoS). The book will show you how to enable special modes on the firewall for shared environments and extend security capabilities to smaller locations. By the end of this network security book, you'll be well-versed with advanced troubleshooting techniques and best practices recommended by an experienced security engineer and Palo Alto Networks expert. What you will learn Perform administrative tasks using the web interface and command-line interface (CLI) Explore the core technologies that will help you boost your network security Discover best practices and considerations for configuring security policies Run and interpret troubleshooting and debugging commands Manage firewalls through Panorama to reduce administrative workloads Protect your network from malicious traffic via threat prevention Who this book is for This book is for network engineers, network security analysts, and security professionals who want to understand and deploy Palo Alto Networks in their infrastructure. Anyone looking for in-depth knowledge of Palo Alto Network technologies, including those who currently use Palo Alto Network products, will find this book useful. Intermediate-level network administration knowledge is necessary to get started with this cybersecurity book. Network threats are emerging and changing faster than ever before. Cisco Next-Generation Network Security technologies give you all the visibility and control you need to anticipate and meet tomorrow's threats, wherever they appear. Now, three Cisco network security experts introduce these products and solutions, and offer expert guidance for planning, deploying, and operating them. The authors present authoritative coverage of Cisco ASA with FirePOWER Services; Cisco Firewall Threat Defense (FTD); Cisco Next-Generation IPS appliances; the Cisco Web Security Appliance (WSA) with integrated Advanced Malware Protection (AMP); Cisco Email Security Appliance (ESA) with integrated Advanced Malware Protection (AMP); Cisco AMP ThreatGrid Malware Analysis and Threat Intelligence, and the Cisco Firepower Management Center (FMC). You'll find everything you need to succeed: easy-to-follow configurations, application case studies, practical triage and troubleshooting methodologies, and much more. Effectively respond to changing threat landscapes and attack continuums Design Cisco ASA with FirePOWER Services and Cisco Firewall Threat Defense (FTD) solutions Set up, configure, and troubleshoot the Cisco ASA FirePOWER Services module and Cisco Firewall Threat Defense Walk through installing AMP Private Clouds Deploy Cisco AMP for Networks, and configure malware and file policies Implement AMP for Content Security, and configure File Reputation and File Integrity Features Customize Cisco ASA for advanced security policies, including custom detection, application control, and policy management Make the most of the AMP ThreatGrid dynamic malware analysis engine Manage Next-Generation Security Devices with the Firepower Management Center (FMC) Plan, implement, and configure Cisco Next-Generation IPS—including performance and redundancy Create Cisco Next-Generation IPS custom reports and analyses Quickly identify the root causes of security problems Implementing Cisco IOS Network Security (IINS) Foundation Learning Guide Second Edition Foundation learning for the CCNA Security IINS 640-554 exam Implementing Cisco IOS Network Security (IINS) Foundation Learning Guide, Second Edition, is a Cisco-authorized, self-paced learning tool for CCNA® Security 640-554 foundation learning. This book provides you with the knowledge needed to secure Cisco® networks. By reading this book, you will gain a thorough understanding of how to develop a security infrastructure, recognize threats and vulnerabilities to networks, and mitigate security threats. This book focuses on using Cisco IOS routers to protect the network by capitalizing on their advanced features as a perimeter router, firewall, intrusion prevention system, and site-to-site VPN device. The book also covers the use of Cisco Catalyst switches for basic network security, the Cisco Secure Access Control System (ACS), and the Cisco Adaptive Security Appliance (ASA). You learn how to perform basic tasks to secure a small branch or remote office using Cisco security appliances through web-based GUIs, and the CLI on Cisco routers, switches, and ASAs. Whether you are preparing for CCNA Security certification or simply want to gain a better understanding of Cisco IOS security fundamentals, you will benefit from the information provided in this book. Implementing Cisco IOS Network Security (IINS) Foundation Learning Guide, Second 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. -- Develop a comprehensive network security policy to counter threats against information security -- Secure borderless networks -- Learn how to use Cisco IOS Network Foundation Protection (NFP) and Cisco Configuration Professional (CCP) -- Securely implement the management and reporting features of Cisco IOS devices -- Deploy Cisco Catalyst Switch security features -- Understand IPv6 security features -- Plan threat control strategies -- Filter traffic with access control lists -- Configure ASA and Cisco IOS zone-based firewalls -- Implement intrusion prevention systems (IPS) and network address translation (NAT) -- Secure connectivity with site-to-site IPSec VPNs and remote access VPNs. This volume is in the Foundation Learning Guides offered by Cisco Press®. These guides are developed together with Cisco as the only authorized, self-paced learning tools that help networking professionals build their understanding of networking concepts and prepare for Cisco certification exams. Category: Cisco Certification Covers: CCNA Security IINS exam 640-554 Checkpoint Cisco ASA Firewall and Linux Admin Interview Questions And Answers - 3 Books in 1 - 1.Checkpoint Firewall Admin Interview Questions and Answers by Mark Tim2.Answers, Cisco ASA Firewall Interview Q&A by Salsag Gulberg3.Interview Guide for Linux Administrator by Mike RyanHave you ever thought that you could have done the interview a bit better to get your dream job? Interviewing is a game that needs to be played with preparation and confidence. You have to improve your ability to answer with a reason to out stand yourself with others. If you are preparing for an interview Cisco ASA Firewall or Checkpoint Firewall Admin or Linux Admin role, then you would possibly welcome some help with the sorts of questions you may expect to be asked. IT development environment of every organization will be specific. Interviewers count on applicants to have as a minimum 60% to 70% of know-how in line with their organization environment in order that he can be selected and trained further. Each interview will be different, but some
common questions will unavoidably be asked. Checkpoint Cisco ASA Firewall and Linux Admin Interview Questions And Answers, which includes 3 books in 1 is a fantastic aid, designed with this in thoughts, and covers the most possible questions that you may be asked in your interview, helping you: Gain the knowledge to easily face the interview with confidence. Learn the most likely asked questions and answers. Precise and Straight to the point. Ideal for last minute revision. Gain the knowledge from real time experience. Anticipate the questions that might be asked and helps you give a heads up. This interview book bundle will help you to be better organized and more able to face your interview with self-confidence with a purpose to be tons favorite. Suitable for beginner stage or intermediate level applicants, these books addresses a number of the typically asked questions that applicants have to assume and put together them for a successful interview and is even helpful for readers after the interview, as a accessible manual for everyday work. Your efforts in preparing the interview will bring a value to your future carrier growth. These books are a good resource to leverage the information to build confidence and win the trust. Get your copy today and take a positive step to next level!

Cisco ASA for Accidental Administrators
CCNA Security 640-554 Quick Reference
A No-nonsense Guide to the OpenBSD Firewall
Cisco ASA Configuration
CCNA Portable Command Guide (CCNA Self-Study)
Configuration and Troubleshooting Best Practices for the Next-Generation Firewall (NGFW), Next-Generation Intrusion Prevention System (NGIPS), and Advanced Malware Protection (AMP)

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. CCNA Security 640-554 Official Cert Guide presents you with an organized test preparation routine through the use of proven series elements and techniques. "Do I Know This Already?" quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. · Master Cisco CCNA Security 640-554 exam topics · Assess your knowledge with chapter-opening quizzes · Review key concepts with exam preparation tasks · Practice with realistic exam questions on the CD-ROM CCNA Security 640-554 Official Cert Guide, focuses specifically on the objectives for the Cisco CCNA Security IINS exam. Expert networking professionals Keith Barker and Scott Morris share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The companion CD-ROM contains a powerful Pearson IT Certification Practice Test engine that enables you to focus on individual topic areas or take complete, timed exams. The assessment engine also tracks your performance and provides feedback on a module-by-module basis, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. The CD also contains 90 minutes of video training on CCP, NAT, object groups, ACLs, port security on a Layer 2 switch, CP3L, and zone-based firewalls. Well-regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The official study guide helps you master all the topics on the CCNA Security IINS exam, including: Network security concepts Security policies and strategies Network foundation protection (NFP) Cisco Configuration Professional (CCP) Management plane security AAA security Layer 2 security threats IPv6 security Threat mitigation and containment Access Control Lists (ACLs) Network Address Translation (NAT) Cisco IOS zone-based firewalls and ASA firewalls Intrusion prevention and detection systems Public Key Infrastructure (PKI) and cryptography Site-to-site IPsec VPNs and SSL VPNs CCNA Security 640-554 Official Cert Guide 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 print edition of the CCNA Security 640-554 Official Cert Guide contains 90 minutes of video instruction, two free, complete practice exams as well as an exclusive offer for 70% off Premium Edition eBook and Practice Test. Pearson IT Certification Practice Test minimum system requirements: Windows XP (SP3), Windows Vista (SP2), or Windows 7; Microsoft .NET Framework 4.0 Client; Pentium class 1GHz processor (or equivalent); 512 MB RAM; 650 MB disc space plus 50 MB for each downloaded practice exam Also available from Cisco Press for Cisco CCNA Security study is the CCNA Security 640-554 Official Cert Guide Premium Edition eBook and Practice Test. This digital-only certification preparation product combines an eBook with enhanced Pearson IT Certification Practice Test. This integrated learning package: · Allows you to
focus on individual topic areas or take complete, timed exams. Includes direct links from each question to detailed tutorials to help you understand the concepts behind the questions. Provides unique sets of exam-realistic practice questions. Tracks your performance and provides feedback on a module-by-module basis, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. This is a biography of the author's encounters with the Super Natural.

A detailed guide for deploying PPTP, L2TPv2, L2TPv3, MPLS Layer-3, AToM, VPLS and IPsec virtual private networks.

Modern organizations rely on Security Operations Center (SOC) teams to vigilantly watch security systems, rapidly detect breaches, and respond quickly and effectively. To succeed, SOCs desperately need more qualified cybersecurity professionals. Cisco's new Cisco Certified CyberOps Associate certification prepares candidates to begin a career working as associate-level cybersecurity analysts within SOCs. It demonstrates their knowledge about creating, operating, and working within computer security incident response teams (CSIRTs) and product security incident response teams (PSIRTs); the incident response lifecycle, and cyber forensics. To earn this valuable certification, candidates must pass the new Understanding Cisco Cybersecurity Operations Fundamentals (200-201 CBROPS) consolidated exam. Cisco CyberOps Associate CBROPS 200-201 Official Cert Guide is Cisco's official, comprehensive self-study resource for this exam. Designed for all exam candidates, it covers every exam objective concisely and logically, with extensive teaching features that promote retention and understanding. You'll find: Pre-chapter quizzes to assess knowledge upfront and focus your study more efficiently

Foundation topics sections that explain concepts and configurations, and link theory to practice Key topics sections calling attention to every figure, table, and list you must know Exam Preparation sections with additional chapter review features Final preparation chapter providing tools and a complete final study plan A customizable practice test library This guide offers comprehensive, up-to-date coverage of all CBROPS #200-201 topics related to: Security concepts Security monitoring Host-based analysis Network intrusion analysis Security policies and procedures A No-Nonsense Guide to the OpenBSD Firewall

Network Warrior
CCNA Security (640-554) Portable Command Guide
Network Security, Firewalls and VPNs
Cisco Cyberops Associate Cbrops 200-201 Official Cert Guide
Cisco ASA
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.

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 CCNA Security 210-260 Official Cert Guide exam topics --Assess your knowledge with chapter-opening quizzes --Review key concepts with exam preparation tasks This is the eBook edition of the CCNA Security 210-260 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCNA Security 210-260 Official Cert Guide presents you with an organized test-preparation routine through the use of proven series elements and techniques. "Do I Know This Already?" quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. CCNA Security 210-260 Official Cert Guide focuses specifically on the objectives for the Cisco CCNA Security exam. Networking Security experts Omar Santos and John Stuppi share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. Well regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The official study guide helps you master all the topics on the CCNA Security exam, including --Networking security concepts --Commercial security threats --Implementing AAA using IOS and ISE --Bring Your Own Device (BYOD) --Fundamentals of VPN technology and cryptography --Fundamentals of IP security --Implementing IPsec site-to-site VPNs --Implementing SSL remote-access VPNs using Cisco ASA --Securing Layer 2 technologies --Network Foundation Protection (NFP) --Securing the management plane on Cisco IOS devices --Securing the data plane --Securing routing protocols and the control plane --Understanding firewall fundamentals --Implementing Cisco IOS zone-based firewalls --Configuring basic firewall policies on Cisco ASA --Cisco IPS fundamentals --Mitigation technologies for e-mail and web-based threats --Mitigation technologies for endpoint threats CCNA Security 210-260
Official Cert Guide 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 training offered by authorized Cisco Learning Partners worldwide, please visit http://www.cisco.com/web/learning/index.html.

OpenBSD’s stateful packet filter, PF, is the heart of the OpenBSD firewall. With more and more services placing high demands on bandwidth and an increasingly hostile Internet environment, no sysadmin can afford to be without PF expertise. The third edition of The Book of PF covers the most up-to-date developments in PF, including new content on IPv6, dual stack configurations, the “queues and priorities” traffic-shaping system, NAT and redirection, wireless networking, spam fighting, failover provisioning, logging, and more. You’ll also learn how to: * Create rule sets for all kinds of network traffic, whether crossing a simple LAN, hiding behind NAT, traversing DMZs, or spanning bridges or wider networks * Set up wireless networks with access points, and lock them down using authp and special access restrictions * Maximize flexibility and service availability via CARP, relayd, and redirection * Build adaptive firewalls to proactively defend against attackers and spammers * Harness OpenBSD’s latest traffic-shaping system to keep your network responsive, and convert your existing ALTQ configurations to the new system * Stay in control of your traffic with monitoring and visualization tools (including NetFlow) The Book of PF is the essential guide to building a secure network with PF. With a little effort and this book, you’ll be well prepared to unlock PF’s full potential.

The real-world guide to securing Cisco-based IP telephony applications, devices, and networks Cisco IP telephony leverages converged networks to dramatically reduce TCO and improve ROI. However, its critical importance to business communications and deep integration with enterprise IP networks make it susceptible to attacks that legacy telecom systems did not face. Now, there’s a comprehensive guide to securing the IP telephony components that ride atop data network infrastructures—and thereby providing IP telephony services that are safer, more resilient, more stable, and more scalable. Securing Cisco IP Telephony Networks provides comprehensive, up-to-date details for securing Cisco IP telephony equipment, underlying infrastructure, and telephony applications. Drawing on ten years of experience, senior network consultant Akhil Behl offers a complete security framework for use in any Cisco IP telephony environment. You’ll find best practices and detailed configuration examples for securing Cisco Unified Communications Manager (CUCM), Cisco Unity/Unity Connection, Cisco Unified Presence, Cisco Voice Gateways, Cisco IP Telephony Endpoints, and many other Cisco IP Telephony applications. The book showcases easy-to-follow Cisco IP Telephony applications and network security-centric examples in every chapter. This guide is invaluable to every technical professional and IT decision-maker concerned with securing Cisco IP telephony networks, including network engineers, administrators, architects, managers, security analysts, IT directors, and consultants. Recognize vulnerabilities caused by IP network integration, as well as VoIP’s unique security requirements Discover how hackers target IP telephony networks and proactively protect against each facet of their attacks Implement a flexible, proven methodology for end-to-end Cisco IP Telephony security Use a layered (defense-in-depth) approach that builds on underlying network security design Secure CUCM, Cisco Unity/Unity Connection, CUPS, CUCM Express, and Cisco Unity Express platforms against internal and external threats Establish physical security, Layer 2 and Layer 3 security, and Cisco ASA-based perimeter security Complete coverage of Cisco IP Telephony encryption and authentication fundamentals Configure Cisco IOS Voice Gateways to help prevent toll fraud and deter attacks Secure Cisco Voice Gatekeepers and Cisco Unified Border Element (CUBE) against rogue endpoints and other attack vectors Secure Cisco IP telephony endpoints–Cisco Unified IP Phones (wired, wireless, and soft phone) from malicious insiders and external threats This IP communications book is part of the Cisco Press® Networking Technology Series. IP communications titles from Cisco Press help networking professionals understand voice and IP telephony technologies, plan and design converged networks, and implement network solutions for increased productivity.

Learn pfSense 2.4
Build your knowledge of network security and pass your CCNA Security exam (210-260)
Cisco Firewall Video Mentor
CCNA Security 210-260 Official Cert Guide
Cisco Networks
Step-by-step Configuration of Cisco Vpns for Asa and Routers
All the CCNA Security 640-554 commands in one compact, portable resource Preparing for the latest CCNA® Security exam? Here are all the CCNA Security commands you need in one condensed, portable resource. Filled with valuable, easy-to-access information, the CCNA Security Portable Command Guide is portable enough for you to use whether you’re in the server room or the equipment closet. Completely updated to reflect the new CCNA Security 640-554 exam, this quick reference summarizes relevant Cisco IOS® Software commands, keywords, command arguments, and associated prompts, and offers tips and examples for applying these commands to real-world security challenges. Throughout, configuration examples provide an even deeper understanding of how to use IOS to protect networks. Topics covered include • Networking security fundamentals: concepts, policies, strategies, and more • Securing network infrastructure: network foundations, CCP, management plane and access, and data planes (IPv6/IPv4) • Secure connectivity: VPNs, cryptography, IPsec, and more • Threat control and containment: strategies, ACL threat mitigation, zone-based firewalls, and Cisco IOS IPS • Securing networks with ASA: ASDM, basic and advanced settings, and ASA SSL VPNs Bob Vachon is a professor at Cambrian College. He has held CCNP certification since

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2002 and has collaborated on many Cisco Networking Academy courses. He was the lead author for the Academy's CCNA Security v1.1 curriculum that aligns to the Cisco IOS Network Security (IINS) certification exam (640-554). · Access all CCNA Security commands: use as a quick, offline resource for research and solutions · Logical how-to topic groupings provide one-stop research · Great for review before CCNA Security certification exams · Compact size makes it easy to carry with you, wherever you go · “Create Your Own Journal” section with blank, lined pages allows you to personalize the book for your needs · “What Do You Want to Do?” chart inside front cover helps you to quickly reference specific tasks This book is part of the Cisco Press® Certification Self-Study Product Family, which offers readers a self-paced study routine for Cisco® certification exams. Titles in the Cisco Press Certification Self-Study Product Family are part of a recommended learning program from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. Install, Configure and Setup different connections with pfSense Key Features Build firewall and routing solutions with PfSense. Learn how to create captive portals, how to connect PfSense to your https environment and so on. Practical approach towards building firewall solutions for your organization Book Description As computer networks become ubiquitous, it has become increasingly important to both secure and optimize our networks. PfSense, an open-source router/firewall, provides an easy, cost-effective way of achieving this - and this book explains how to install and configure pfSense in such a way that even a networking beginner can successfully deploy and use pfSense. This book begins by covering networking fundamentals, deployment scenarios, and hardware sizing guidelines, as well as how to install pfSense. The book then covers configuration of basic services such as DHCP, DNS, and captive portal and VLAN configuration. Careful consideration is given to the core firewall functionality of pfSense, and how to set up firewall rules and traffic shaping. Finally, the book covers the basics of VPNs, multi-WAN setups, routing and bridging, and how to perform diagnostics and troubleshooting on a network. What you will learn Install pfSense Configure additional interfaces, and enable and configure DHCP Understand Captive portal Understand firewalls and NAT, and traffic shaping Learn in detail about VPNs Understand Multi-WAN Learn about routing and bridging in detail Understand the basics of diagnostics and troubleshooting networks Who this book is for This book is for This book is towards any network security professionals who want to get introduced to the world of firewalls and network configurations using PfSense. No knowledge of PfSense is required Discover high-value Azure security insights, tips, and operational optimizations This book presents comprehensive Azure Security Center techniques for safeguarding cloud and hybrid environments. Leading Microsoft security and cloud experts Yuri Diogenes and Dr. Thomas Shinder show how to apply Azure Security Center’s full spectrum of features and capabilities to address protection, detection, and response in key operational scenarios. You’ll learn how to secure any Azure workload, and optimize virtually all facets of modern security, from policies and identity to incident response and risk management. Whatever your role in Azure security, you’ll learn how to save hours, days, or even weeks by solving problems in most efficient, reliable ways possible. Two of Microsoft’s leading cloud security experts show how to: • Assess the impact of cloud and hybrid environments on security, compliance, operations, data protection, and risk management • Master a new security paradigm for a world without traditional perimeters • Gain visibility and control to secure compute, network, storage, and application workloads • Incorporate Azure Security Center into your security operations center • Integrate Azure Security Center with Azure AD Identity Protection Center and third-party solutions • Adapt Azure Security Center’s built-in policies and definitions for your organization • Perform security assessments and implement Azure Security Center recommendations • Use incident response features to detect, investigate, and address threats • Create high-fidelity fusion alerts to focus attention on your most urgent security issues • Implement application whitelisting and just-in-time VM access • Monitor user behavior and access, and investigate compromised or misused credentials • Customize and perform operating system security baseline assessments • Leverage integrated threat intelligence to identify known bad actors With a CCNA Security certification, you can demonstrate the skills required to develop a security infrastructure, recognize threats to networks, and mitigate security threats. Geared towards Cisco Security, the practical aspects of this book will help you clear the CCNA Security Exam (210-260) by increasing your knowledge of Network Security. Engineers' Handbook of Routing, Switching, and Security with IOS, NX-OS, and ASA Lucifer Christ Encounters Implementing Cisco IOS Network Security (IINS) Cisco Asa Firewall Fundamentals Microsoft Azure Security Center
Cisco Security Specialist's Guide to PIX Firewall [sic]

CCNA Portable Command Guide Second Edition All the CCNA 640-802 commands in one compact, portable resource

Preparing for the CCNA exam? Here are all the CCNA-level commands you need in one condensed, portable resource. The CCNA Portable Command Guide, Second Edition, is filled with valuable, easy-to-access information and is portable enough for use whether you're in the server room or the equipment closet. This book has been completely updated to cover topics in the ICND1 640-822, ICND2 640-816, and CCNA 640-802 exams. Use this quick reference resource to help you memorize commands and concepts as you work to pass the CCNA exam. The guide summarizes all CCNA certification-level Cisco IOS® Software commands, keywords, command arguments, and associated prompts, providing you with tips and examples of how to apply the commands to real-world scenarios. Configuration examples throughout the book provide you with a better understanding of how these commands are used in simple network designs. The ten topics covered are TCP/IP An Introduction to Cisco Devices Configuring a Router Routing Switching Implementing a Wireless LAN Network Administration and Troubleshooting Managing IP Services WANs Network Security Scott Empson is currently the associate chair of the bachelor of applied information systems technology degree program at the Northern Alberta Institute of Technology in Edmonton, Alberta, Canada, teaching Cisco® routing, switching, and network design courses in certificate, diploma, and applied degree programs at the post-secondary level. He is also the program coordinator of the Cisco Networking Academy® Program at NAIT, a Regional Academy covering central and northern Alberta. He has earned three undergraduate degrees and currently holds several industry certifications, including CCNP®, CCDA®, CCAI, and Network+. Access all CCNA commands—use as a quick, offline resource for research and solutions Logical how-to topic groupings provide one-stop research Great for review before CCNA certification exams Compact size makes it easy to carry with you, wherever you go "Create Your Own Journal" section with lined, blanked pages allows you to personalize the book for your needs "What Do Y ou Want to Do?" chart inside back cover helps you to quickly reference specific tasks This book is part of the Cisco Press® Certification Self-Study Product Family, which offers readers a self-paced study routine for Cisco® certification exams. Titles in the Cisco Press Certification Self-Study Product Family are part of a recommended learning program from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. Category: Cisco Press–Cisco Certification Covers: CCNA Exam (640-822 ICND1, 640-816 ICND2, and 640-802 CCNA)
The authoritative visual guide to Cisco Firepower Threat Defense (FTD) This is the definitive guide to best practices and advanced troubleshooting techniques for the Cisco flagship Firepower Threat Defense (FTD) system running on Cisco ASA platforms, Cisco Firepower security appliances, Firepower extensible Operating System (FXOS), and VM ware virtual appliances. Senior Cisco engineer Nazmul Rajib draws on unsurpassed experience supporting and training Cisco Firepower engineers worldwide, and presenting detailed knowledge of Cisco Firepower deployment, tuning, and troubleshooting. Writing for cybersecurity consultants, service providers, channel partners, and enterprise or government security professionals, he shows how to deploy the Cisco Firepower next-generation security technologies to protect your network from potential cyber threats, and how to use Firepower’s robust command-line tools to investigate a wide variety of network issues. Each consistently organized chapter contains definitions of keywords, operational flowcharts, architectural diagrams, best practices, configuration steps (with detailed screenshots), verification tools, troubleshooting techniques, and FAQs drawn directly from issues raised by Cisco customers at the Global Technical Assistance Center (TAC). Covering key Firepower materials on the CCNA Security, CCNP Security, and CCIE Security exams, this guide also includes end-of-chapter quizzes to help candidates prepare. • Understand the operational architecture of the Cisco Firepower NGFW, NGIPS, and AMP technologies • Deploy FTD on ASA platform and Firepower appliance running FXOS • Configure and troubleshoot Firepower Management Center (FMC) • Plan and deploy FMC and FTD on VM ware virtual appliance • Design and implement the Firepower management network on FMC and FTD • Understand and apply Firepower licenses, and register FTD with FM C • Deploy FTD in Routed, Transparent, Inline, Inline Tap, and Passive Modes • Manage traffic flow with detect-only, block, trust, and bypass operations • Implement rate limiting and analyze quality of service (QoS) • Blacklist suspicious IP addresses via Security Intelligence • Block DNS queries to the malicious domains • Filter URLs based on category, risk, and reputation • Discover a network and implement application visibility and control (AVC) • Control file transfers and block malicious files using advanced malware protection (AMP) • Halt cyber attacks using Snort-based intrusion rule • Masquerade an internal host's original IP address using Network Address Translation (NAT) • Capture traffic and obtain troubleshooting files for advanced analysis • Use command-line tools to identify status, trace packet flows, analyze logs, and debug messages 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. Y ou'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 debugging— all designed to help you make the most of Cisco ASA in your rapidly evolving network. J azib 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 architectes, and 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 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.

As a final exam preparation tool, CCNP Security Firewall 642-618 Quick Reference provides a concise review of all objectives on the new CCNP Security Firewall exam (642-618). This ebook provides you with detailed, graphical-based information, highlighting only the key topics in cram-style format. With this document as your guide, you will review topics on firewall basics, the ASA product family, ASA configuration with both the CLI and ASDM, ASA access control, ASA network integration, AAA configuration, and ASA HA. This fact-filled Quick Reference allows you to get all-important information at a glance, helping you to focus your study on areas of weakness and to enhance memory retention of essential exam concepts.


This book is a concise one-stop desk reference and synopsis of basic knowledge and skills for Cisco certification prep. It presents real-world challenges in a straightforward manner that you can understand and use right away. The idea is for you to be able to sit down with your ASA and build a working firewall configuration in a matter of minutes. Of course, some of the more advanced configs may take a little longer, but even so, you will be able to “get it done” in a minimal amount of time! 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 tested with building LAN, WAN, and data center connections, this book layout clears 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, Joel 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 CCNP 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. Covers the most important and common configuration scenarios and features which will put you on track to start implementing ASA firewalls right away.

The essential guide to understanding and using firewalls to protect personal computers and your network. An easy-to-read introduction to the most commonly deployed network security device. Understand the threats firewalls are designed to protect against. Learn basic firewall architectures, practical deployment scenarios, and common management and troubleshooting tasks. Includes configuration, deployment, and management checklists. Increasing reliance on the Internet in both work and home environments has radically increased the vulnerability of computing systems to attack from a wide variety of threats. Firewall technology continues to be the most prevalent form of protection against existing and new threats to computers and networks. A full understanding of what firewalls can do, how they can be deployed to maximum effect, and the differences among firewall types can make the difference between continued network integrity and complete network or computer failure. Firewall Fundamentals introduces readers to firewall concepts and explores various commercial and open source firewall implementations--including Cisco, Linksys, and Linux--allowing network administrators and small office/home office computer users to effectively choose and configure their devices. Firewall Fundamentals is
written in clear and easy-to Understand language and helps novice users understand what firewalls are and how and where they are used. It introduces various types of firewalls, first conceptually and then by explaining how different firewall implementations actually work. It also provides numerous implementation examples, demonstrating the use of firewalls in both personal and business-related scenarios, and explains how a firewall should be installed and configured. Additionally, generic firewall troubleshooting methodologies and common management tasks are clearly defined and explained.

All-in-One Firewall, IPS, Anti-X, and VPN Adaptive Security Appliance

Firewall Fundamentals
Cisco ASA, PIX, and FWSM Firewall Handbook
Cisco Vpn Configuration Guide
Securing Cisco IP Telephony Networks
CCNA Security (210-260) Portable Command Guide
Cisco ASA, PIX, and FWSM Firewall Handbook, Second Edition, is a guide for the most commonly implemented features of the popular Cisco® firewall security solutions. Fully updated to cover the latest firewall releases, this book helps you to quickly and easily configure, integrate, and manage the entire suite of Cisco firewall products, including ASA, PIX®, and the Catalyst® Firewall Services Module (FWSM). Organized by families of features, this book helps you get up to speed quickly and efficiently on topics such as file management, building connectivity, controlling access, firewall management, increasing availability with failover, load balancing, logging, and verifying operation. Sections are marked by shaded tabs for quick reference, and information on each feature is presented in a concise format, with background, configuration, and example components. Whether you are looking for an introduction to the latest ASA, PIX, and FWSM devices or a complete reference for making the most out of your Cisco firewall deployments, Cisco ASA, PIX, and FWSM Firewall Handbook, Second Edition, helps you achieve maximum protection of your network resources. Many books on network security and firewalls settle for a discussion focused primarily on concepts and theory. This book, however, goes well beyond these topics. It covers in tremendous detail the information every network and security administrator needs to know when configuring and managing market-leading firewall products from Cisco. Jason Nolet, Vice President of Engineering, Security Technology Group, Cisco David Hucaby, CCIE® No. 4594, is a lead network engineer for the University of Kentucky, where he works with health-care networks based on the Cisco Catalyst, ASA, FWSM, and VPN product lines. He was one of the beta reviewers of the ASA 8.0 operating system software. Learn about the various firewall models, user interfaces, feature sets, and configuration methods Understand how a Cisco firewall inspects traffic Configure firewall interfaces, routing, IP addressing services, and IP multicast support Maintain security contexts and flash and configuration files, manage users, and monitor firewalls with SNMP Authenticate, authorize, and maintain accounting records for firewall users Control access through the firewall by implementing transparent and routed firewall modes, address translation, and traffic shunning Define security policies that identify and act on various types of traffic with the Modular Policy Framework Increase firewall availability with firewall failover operation Understand how firewall load balancing works Generate firewall activity logs and learn how to analyze the contents of the log Verify firewall operation and connectivity and observe data passing through a firewall Configure Security Services Modules, such as the Content Security Control (CSC) module and the Advanced Inspection Processor (AIP) module This security book is part of the Cisco Press® Networking Technology Series. Security titles from Cisco Press help networking professionals secure critical data and resources, prevent and mitigate network attacks, and build end-to-end self-defending networks. Category: Networking: Security Covers: Cisco ASA 8.0, PIX 6.3, and FWSM 3.2 version firewalls Preparing for the latest CCNA Security exam? Here are all the CCNA Security (210-260) commands you need in one condensed, portable resource. Filled with valuable, easy-to-access information, the CCNA Security Portable Command Guide, is portable enough for you to use wherever you’re in the server room or the equipment closet. Completely updated to reflect the new CCNA Security 210-260 exam, this quick reference summarizes relevant Cisco IOS® Software commands, keywords, command arguments, and associated prompts, and offers tips and examples for applying these commands to real-world security challenges. Configuration examples, throughout, provide an even deeper understanding of how to use IOS to protect networks. Topics covered include Networking security fundamentals: concepts, policies, strategy Protecting network infrastructure: network foundations, security management planes/access; data planes (Catalyst switches and IPv6) Threat control/containment: protecting endpoints and content; configuring ACLs, zone-based firewalls, and Cisco IOS IPS Secure connectivity: VPNs, cryptography, asymmetric encryption, PKI, IPSec VPNs, and site-to-site VPN configuration ASA network security: ASA/ASDM concepts; configuring ASA basic settings, advanced settings, and VPNS Access all CCNA Security commands; use a quick, offline resource for research and solutions Logical how-to-topic groupings provide one-stop research Great for review before CCNA Security certification exams Compact size makes it easy to carry with you, wherever you go Create Your Own Journal section with blank, lined pages allows you to personalize the book for your needs What Do You Want to Do? chart inside the front cover helps you to quickly reference specific tasks 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. For organizations of all sizes, the Cisco ASA product family offers powerful new tools for maximizing network security. Cisco ASA: All-in-One Firewall, IPS, Anti-X and VPN Adaptive Security Appliance, Second Edition, is Cisco's authoritative practitioner's guide to planning, deploying, managing, and troubleshooting security with Cisco ASA. Written by two leading Cisco security experts, this book presents each Cisco ASA solution in depth, offering comprehensive sample configurations, proven troubleshooting methodologies, and debugging examples. Readers will learn about the Cisco ASA Firewall solution and capabilities; secure configuration and troubleshooting of site-to-site and remote access VPNS; Intrusion Prevention System features built into Cisco ASA's Advanced Inspection and Prevention Security Services Module (AIP-SSM); and Anti-X features in the ASA Content Security and Control Security Services Module (CSC-SSM). This new edition has been updated with detailed information on the latest ASA models and features. Everything network professionals need to know to identify, mitigate, and respond to network attacks with Cisco ASA Includes detailed configuration examples, with screenshots and command line references Covers the ASA 8.2 release Presents complete troubleshooting methodologies and architectural references Cisco Asa Firewall FundamentalsStep-by-Step Practical Configuration Guide Using the CLI for Asa V8.x and V9.x Createspace Independent Publishing Platform

CCNA Security 210-260 Certification Guide
Foundation Learning Guide
Exam 54 Porta Comma ePub _2

Get up and running with Pfsense and all the core concepts to build firewall and routing solutions An Illustrated Step-By-Step ASA Learning and Configuration Guide

The easy-to-use guide for learning how to secure networks with the world-class PIX Firewall. This book is for students and professionals preparing for the network engineering interviews and discusses hundreds of scenarios based questions with simplified explanations to crack the interviews for the following Potential Job roles such as Network Engineer, Level 1 Support Engineer, Software Engineers building Networking products, Test Engineers, Network Development Engineers, Support EngineersThis book is also helpful for interviewers building and managing a team of network engineers such as Hiring Managers, IT Recruiters, Software Development Managers for Cloud, Delivery Managers for Telecommunication and Service Provider networksAlthough the tone of this book has been set for individuals starting out in
the network engineering field however senior network engineers will also find it helpful to brush up their skills. Network engineering is the super glue that binds the several components of the Infrastructure that builds today's Cloud Computing environments such as AWS, Service Provider Networks, Telecommunication networks and other enterprise IP networks. The network engineering questions, and their answers will demonstrate the knowledge to deploy, maintain, secure and operate a medium-sized network using latest networking technologies. We expect that these network engineers can design, install, configure, and operate LAN, WAN, and dial access services for small to large networks using some of these protocols: IP, IGRP, Serial, Frame Relay, IP RIP, VLANs, RIP, Ethernet, Access Lists.

PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES

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. Key Features:

- Introduces the basics of network security exploring the details of firewall security and how VPNs operate
- Illustrates how to plan proper network security to combat hackers and outside threats
- Discusses firewall configuration and deployment and managing firewall security
- Identifies how to secure local and internet communications with a VPN

With increased use of Internet connectivity and less reliance on private WAN networks, virtual private networks (VPNs) provide a much-needed secure method of transferring critical information. As Cisco Systems integrates security and access features into routers, firewalls, clients, and concentrators, its solutions become ever more accessible to companies with networks of all sizes. The Complete Cisco VPN Configuration Guide contains detailed explanations of all Cisco VPN products, describing how to set up IPsec and Secure Sockets Layer (SSL) connections on any type of Cisco device, including concentrators, clients, routers, or Cisco PIX and Cisco ASA security appliances. With copious configuration examples and troubleshooting scenarios, it offers clear information on VPN implementation designs. A complete resource for understanding VPN components and VPN design issues - Learn how to employ state-of-the-art VPN connection types and implement complex VPN configurations on Cisco devices, including routers, Cisco PIX and Cisco ASA security appliances, concentrators, and remote access clients - Discover troubleshooting tips and techniques from real-world scenarios based on the author's vast field experience - Filled with relevant configurations you can use immediately in your own network

Where To Download Cisco Asa Firewall Fundamentals 3rd Edition Step By Step Practical Configuration Using
The Cli For Asa V8 X And V9 X

unveils the potential of Cisco firewall products and functionalities, and demonstrates how they can be grouped, in a structured manner, in order
to build security solutions. The text is written in such a way that instructive linkages between theory and practice are naturally created, thus
contributing to a better understanding of the most relevant concepts, and preparing the reader for the production of solid designs. The
motivation for writing this book is associated with a simple axiom assumed: The better you understand how individual features operate, the
better you can use them for design purposes. After all, producing better security designs is the aim of anyone truly committed to security. The
book is organized in 17 chapters, as follows:

Chapter 1. Firewalls and Network Security
Chapter 2. Cisco Firewall Families Overview
Chapter 3. Configuration Fundamentals
Chapter 4. Learn the Tools. Know the Firewall
Chapter 5. Firewalls in the Network Topology
Chapter 6. Virtualization in the Firewall World
Chapter 7. Through ASA without NAT
Chapter 8. Through ASA using NAT
Chapter 9. Classic IOS Firewall Overview
Chapter 10. IOS Zone Policy Firewall Overview
Chapter 11. Additional Protection Mechanisms
Chapter 12. Application Inspection
Chapter 13. Inspection of Voice Protocols
Chapter 14. Identity on Cisco Firewalls
Chapter 15. Firewalls and IP Multicast
Chapter 16. Cisco Firewalls and IPv6
Chapter 17. Firewall Interactions

Appendix A - NAT and ACL changes in ASA 8.3

Foreword (by Yusuf Bhaiji)

Networks today have outgrown exponentially both in size and complexity, becoming more multifaceted and increasingly challenging to secure.
The blueprint of a core network requires a strong foundation, which can be simply provided with an integrated firewall architecture cemented
at the core of the system. Today, the firewall has become a core entity within a network and an integral part of every network infrastructure.
Cisco Firewalls by Alexandre M. S. P. Moraes, has taken a stab at unleashing some of the fundamentally missed concepts, providing readers
with a complete library of the entire family of Cisco Firewall products in a single binder. Alexandre has used a unique approach in explaining
the concepts and architecture of the firewall technology. His distinct style has proven his skill at writing on a difficult subject using easy to
understand illustrations that walk the reader through a step-by-step approach that shows the theory in action. He has combined some of the
commonly used tools with the outputs from several commands to demonstrate the understanding of the technology and exemplifying how it
works. Cisco Firewalls is unlike any other book on this subject and cannot be categorized as a configuration guide or command syntax manual.
It provides the readers with the key tools and essential techniques to understand the wide-ranging Cisco firewall portfolio. Whether you are just
a beginner trying to learn Cisco firewalls or an experienced engineer looking for a reference, there is something for everyone in this book at
varying levels. Cisco Firewalls is an essential reference in designing, implementing, and maintaining today's highly secured networks. It is a must
read and a must have in your collection - Magnum Opus!

Yusuf Bhaiji; Sr. Manager, Expert Certifications (CCIE, CCDE, CCAr)

'Alexandre has worked with Cisco Security technologies since the year 2000 and is a well recognized expert in the LATAM Security community. He is a
frequent speaker at Cisco Networkers and other Security conferences and has helped on training partners and customers in Brazil. In this book,
he proposes a totally different approach to the important subject of Firewalls: instead of just presenting configuration models, he uses a set of
carefully crafted examples to illustrate the theory in action. From the configuration fundamentals to advanced topics such as Voice Inspection,
Multicast, IPv6 and Identity-based firewalls, the book unveils important details about the operations of Cisco firewalls solutions, enabling the
reader to better use this knowledge on Security Design. A must read!'

Luc Billot, Security Consulting Engineer at Cisco (Emerging Markets and

European Market)

'I think that Alexandre's book could have the alternative title 'Cisco Firewalls illustrated'. The way in which he links theory
and practice is really insightful and greatly helps on understanding individual features and making better use of them for Security design.
Definitely a reference work in the subject!' Louis Senecal, CCIE 2198, Consulting Systems Engineer, Cisco (Canada)

In this fully illustrated tour to the world of Cisco Firewalls, Alexandre devotes a great deal of attention to Data Center related topics.
Network Virtualization architecture and protection of environments that include Virtual Machines figure among the important subjects covered in the book. For those
that want to benefit from Virtualization without compromising Security, this work is highly recommended.' David Gonzalez, CISSP #99462,
Consulting Systems Engineer at Cisco (LATAM)