Palo Alto Networks Certified Network Security Engineer 6

Are you ready to pass the Palo Alto Networks PCCSA exam? Practice test for the Palo Alto Networks PCCSA certification. This will help assess how ready you are to pass the exam. Certification Exam informations Exam Code: PCCSA Exam Name: Palo Alto Networks Certified Cybersecurity Associate Q & A: 50 Questions and Answers Price$ 100 USD Duration 60 minutes Passing Score 70% *If you do not want to lose time and money, you can try this practice test. How To Register For An Exam Exam appointments may be made in advance or on the day you wish to test, subject to availability. The exam/appointment testing time limit noted on Pearson VUE web pages reflects the total appointment time, including an NDA, exam time, and survey.

Looking to step into the Network Security field with the Fortigate firewall? Or are you required to manage a FortiGate NGFW for your organization? Then this is the right book for you! The FortiGate is an amazing device with many cybersecurity features to protect your network. If you are new to FortiGate's then this is the perfect book for you! This book will cover general overview of working with Fortinet. Also, you will gain a solid understanding on day to day administrative tasks. Next, you will learn how FortiGate interacts with various layer-2 protocol. Also you will get a chance how to filter network traffic and apply security policies which is very exciting. Lastly, you will learn about the session table and how Fortigate handles traffic. Below is a full list of what this book covers: Chapter One - Introduction to FortiGate-Identify platform features of FortiGate-Describe Security Processor Unit SPU-Identify factory defaults-Understand the different operational modes-Understand FortiGate and FortiGuard Relationship-Manage administrator profiles-Manage administrative profiles-Manage network interfaces-Manage basic services-backup and restore config file-upgrade and downgrade firmware-Understand CLI structure-Understand GUI navigation-Initial ConfigurationChapter - 2 - Layer two technologies-Configuration of layer-2 VLANs-Describe VLANs and VLAN tagging process-Describe FortiOS Transparent Mode-Configure FortiOS Transparent Mode settings-Describe Transparent Mode Bridge Table-Describe MAC forwarding-Describe how to find MAC address on FortiOS-Describe Forwarding Domains-Describe and configure Virtual Switches-Describe Spanning Tree Protocol-Describe and Configure various NAT Mode layer-2 protocols-Describe and configure Layer-3 VLAN interface-Describe Virtual Wire Pairing-Describe and Configure VXLANChapter-3 Layer Three Technologies: -Configuration of Static Routes-implementation of Policy-Based Routes-Control traffic for well-known Internet Services-Interpret the FortiOS Routing Table-Understand FortiOS anti-spoofing mechanism-Implement route failover and floating route-Understand ECMP-Recognize active route vs standby route vs inactive routes-Use built in sniffer and diagnose flow debug tools, -Understand Session Table Entry.Chapter 4 - Firewall Policy and NAT-Identify components in Firewall Policy-Describe how traffic matches Firewall Policy Entries-Configure Firewall Policy Logging-Describe Policy GUI list views-Describe Policy ID's vs Policy Sequence numbers-Described where objects are referenced-Explain Name restrictions on Firewall Policies-Perform Firewall Policy re-ordering-Describe NAT and PAT-Explain different configuration modes for NAT-Configure and Describe SNAT and DNAT VIPs-Troubleshoot NAT issues

Kubernetes is a widely used opensource orchestration platform for managing container applications. Developers are not yet aware of the pitfalls of a containerized environment. This book takes you through core security principles, best practices, and real-world use cases to learn mitigation or prevention strategies from known attacks and CVEs.

PCCET is a knowledge-based certification on the fundamentals of cybersecurity that will stand as the entry point in accessing the entire Palo Alto Networks credentialing portfolio. This certification will assess knowledge of firewalls, cloud, and automation functionalities of Strata, Prisma, and Cortex. The PCCET is replacing the former fundamental certification, the PCCSA. This new and upgraded certification now tests fundamental skills on all three technologies, making it the perfect certification for any industry newcomer looking to get into the field of cybersecurity. The PCCET is the first and only fundamental-level certification in the cybersecurity industry that tests knowledge of firewalls as well as cloud and automation. The inclusion of all three speedboats means certifying as a PCCET is the industry's best way to get ahead and amplify cybersecurity skills during job searches and career transitions. Exam Name: Cybersecurity Entry-level Technician Exam Number: PCCET Exam Price: $110 USD Duration: 90 minutes Number of Questions: 75 Passing Score: Variable (70-80 / 100 Approx.) Recommended Training: Introduction to Cybersecurity Fundamentals of Network Security Fundamentals of Cloud Security Fundamentals of SOC (Security Operations Center) The PCCET certification validates the knowledge required for entry-level network security positions, whose technical requirements change as quickly as the technology upon which it is based. PCCET-certified individuals have detailed knowledge about the latest trends in networksbased cyberattacks and about cutting-edge technologies available to prevent the cyberattacks.

- This is the latest practice test to pass the PCNSA Palo Alto Networks Certified Network Security Administrator Exam. - It contains 98 Questions and Answers. - All the questions are 100% valid and stable. - You can reply on this practice test to pass the exam with a good mark and in the first attempt.

The Certified Network Security Engineer6 (PCNSE6) exam tests your knowledge of the core features and functions of Palo Alto Networks next-generation firewalls. It is especially useful for those leading or participating in projects. This certification includes all the questions you will face in the exam center. This certification is best for students who want to get deeper understanding on configuration Palo Alto Firewalls. Preparing for the Certified Network Security Engineer6 (PCNSE6) exam to become a certified Network Security Engineer6 (PCNSE6) expert by Palo Alto? Here we have brought Best Exam Questions for you so that you can prepare well for this Exam of Certified Network Security Engineer6 (PCNSE6). Unlike other online simulation practice tests, you get a Paperback version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

Want Red Team offensive advice from the biggest cybersecurity names in the industry? Join our tribe. The Tribe of Hackers team is back with a new guide packed with insights from dozens of the world's leading Red Team security specialists. With their deep knowledge of system vulnerabilities and innovative solutions for correcting security flaws, Red Team hackers are in high demand. Tribe of Hackers Red Team: Tribal Knowledge from the Best in Offensive Cybersecurity takes the valuable lessons and popular interview format from the original Tribe of Hackers and dives deeper into the world of Red Team security with expert perspectives on issues like penetration testing and ethical hacking. This unique guide includes inspiring interviews from influential security specialists, including David Kennedy, Rob Fuller, Jayson E. Street, and Georgia Weidman, who share their real-world learnings on everything from Red Team tools and tactics to careers and communication, presentation strategies, legal concerns, and more Learn what it takes to secure a Red Team job and to stand out from other candidates Discover how to hone your hacking skills

while staying on the right side of the law Get tips for collaborating on documentation and reporting Explore ways to garner support from leadership on your security proposals Identify the most important control to prevent compromising your network Uncover the latest tools for Red Team offensive security Whether you're new to Red Team security, an experienced practitioner, or ready to lead your own team, Tribe of Hackers Red Team has the real-world advice and practical guidance you need to advance your information security career and ready yourself for the Red Team offensive.

If you are looking for Palo Alto Networks Certified Network Security Administrator (PCNSA) Examination Questions, you are at the right place. Aries+ Centre has the latest Question Bank from actual exams to help you memorize and pass your exam at the very first attempt. Aries+ Centre refresh and validate the Palo Alto Networks Certified Network Security Administrator (PCNSA) Exam Dumps everyday to keep the Questions and Answers up-to-date. Palo Alto Networks Certified Network Security Administrator (PCNSA) braindumps provided by Aries+ Centre covers all the questions that you will face in the Exam Center. It covers the latest pattern and topics that are used in the real test. Passing the Palo Alto Networks Certified Network Security Administrator (PCNSA) exam with good marks and improvement of knowledge is also achieved.Guaranteed Success with High MarksOur Palo Alto Networks Certified Network Security Administrator (PCNSA) Exam Dumps contains Complete Pool of Questions and verified Answers including references and explanations (where applicable). Our objective to assemble Palo Alto Networks Certified Network Security Administrator (PCNSA) Dumps is not only help you pass the exam at first attempt but Improve Your Knowledge about the latest Palo Alto Networks Certified Network Security Administrator (PCNSA) Course. Our Test Prep is a cheatsheet that is helpful in actualtest to pass4sure Palo Alto Networks Certified Network Security Administrator (PCNSA).Our Palo Alto Networks Certified Network Security Administrator (PCNSA) Practice Test and Study Guide contains Real Questions and Answers.

This book encompasses a systematic exploration of Cybersecurity Data Science (CSDS) as an emerging profession, focusing on current versus idealized practice. This book also analyzes challenges facing the emerging CSDS profession, diagnoses key gaps, and prescribes treatments to facilitate advancement. Grounded in the management of information systems (MIS) discipline, insights derive from literature analysis and interviews with 50 global CSDS practitioners. CSDS as a diagnostic process grounded in the scientific method is emphasized throughout Cybersecurity Data Science (CSDS) is a rapidly evolving discipline which applies data science methods to cybersecurity challenges. CSDS reflects the rising interest in applying data-focused statistical, analytical, and machine learning-driven methods to address growing security gaps. This book offers a systematic assessment of the developing domain. Advocacy is provided to strengthen professional rigor and best practices in the emerging CSDS profession. This book will be of interest to a range of professionals associated with cybersecurity and data science, spanning practitioner, commercial, public sector, and academic domains. Best practices framed will be of interest to CSDS practitioners, security professionals, risk management stewards, and institutional stakeholders. Organizational and industry perspectives will be of interest to cybersecurity analysts, managers, planners, strategists, and regulators. Research professionals and academics are presented with a systematic analysis of the CSDS field, including an overview of the state of the art, a structured evaluation of key challenges, recommended best practices, and an extensive bibliography.

Welcome to the all-new second edition of Navigating the Digital Age. This edition brings together more than 50 leaders and visionaries from business, science, technology, government, aca¬demia, cybersecurity, and law enforce¬ment. Each has contributed an exclusive chapter designed to make us think in depth about the ramifications of this digi-tal world we are creating. Our purpose is to shed light on the vast possibilities that digital technologies present for us, with an emphasis on solving the existential challenge of cybersecurity. An important focus of the book is centered on doing business in the Digital Age-par¬ticularly around the need to foster a mu¬tual understanding between technical and non-technical executives when it comes to the existential issues surrounding cybersecurity. This book has come together in three parts. In Part 1, we focus on the future of threat and risks. Part 2 emphasizes lessons from today's world, and Part 3 is designed to help you ensure you are covered today. Each part has its own flavor and personal¬ity, reflective of its goals and purpose. Part 1 is a bit more futuristic, Part 2 a bit more experiential, and Part 3 a bit more practical. How we work together, learn from our mistakes, deliver a secure and safe digital future-those are the elements that make up the core thinking behind this book. We cannot afford to be complacent. Whether you are a leader in business, government, or education, you should be knowledgeable, diligent, and action-oriented. It is our sincerest hope that this book provides answers, ideas, and inspiration.If we fail on the cybersecurity front, we put all of our hopes and aspirations at risk. So we start this book with a simple proposition: When it comes to cybersecurity, we must succeed.

New edition of the bestselling guide to mastering Python Networking, updated to Python 3 and including the latest on network data analysis, Cloud Networking, Ansible 2.8, and new libraries Key Features Explore the power of Python libraries to tackle difficult network problems efficiently and effectively, including pyATS, Nornir, and Ansible 2.8 Use Python and Ansible for DevOps, network device automation, DevOps, and software-defined networking Become an expert in implementing advanced network-related tasks with Python 3 Book Description Networks in your infrastructure set the foundation for how your application can be deployed, maintained, and serviced. Python is the ideal language for network engineers to explore tools that were previously available to systems engineers and application developers. In Mastering Python Networking, Third edition, you'll embark on a Python-based journey to transition from traditional network engineers to network developers ready for the next-generation of networks. This new edition is completely revised and updated to work with Python 3. In addition to new chapters on network data analysis with ELK stack (Elasticsearch, Logstash, Kibana, and Beats) and Azure Cloud Networking, it includes updates on using newer libraries such as pyATS and Nornir, as well as Ansible 2.8. Each chapter is updated with the latest libraries with working examples to ensure compatibility and understanding of the concepts. Starting with a basic overview of Python, the book teaches you how it can interact with both legacy and API-enabled network devices. You will learn to leverage high-level Python packages and frameworks to perform network automation tasks, monitoring, management, and enhanced network security followed by Azure and AWS Cloud networking. Finally, you will use Jenkins for continuous integration as well as testing tools to verify your network. What you will learn Use Python libraries to interact with your network Integrate Ansible 2.8 using Python to control Cisco, Juniper, and Arista network devices Leverage existing Flask web frameworks to construct high-level APIs Learn how to build virtual networks in the AWS & Azure Cloud Learn how to use Elastic Stack for network data analysis Understand how Jenkins can be used to automatically deploy changes in your network Use PyTest and Unittest for Test-Driven Network Development in networking engineering with Python Who this book is for Mastering Python Networking, Third edition is for network engineers, developers, and SREs who want to use Python for network automation, programmability, and data analysis. Basic familiarity with Python programming and networking-related concepts such as Transmission Control Protocol/Internet Protocol (TCP/IP) will be

useful.

The Certified Network Security Engineer (PCNSE) exam tests your knowledge of the core features and functions of Palo Alto Networks next-generation firewalls.It is especially useful for those leading or participating in projects. This certification includes all the questions you will face in the exam center. Preparing for the Certified Network Security Engineer (PCNSE) exam to become a certified Network Security Engineer (PCNSE) expert by Palo Alto? Here we have brought Best Exam Questions for you so that you can prepare well for this Exam of Certified Network Security Engineer (PCNSE). Unlike other online simulation practice tests, you get an ebook version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

The perimeter defenses guarding your network perhaps are not as secure as you think. Hosts behind the firewall have no defenses of their own, so when a host in the "trusted" zone is breached, access to your data center is not far behind. That's an all-too-familiar scenario today. With this practical book, you'll learn the principles behind zero trust architecture, along with details necessary to implement it. The Zero Trust Model treats all hosts as if they're internet-facing, and considers the entire network to be compromised and hostile. By taking this approach, you'll focus on building strong authentication, authorization, and encryption throughout, while providing compartmentalized access and better operational agility. Understand how perimeter-based defenses have evolved to become the broken model we use today Explore two case studies of zero trust in production networks on the client side (Google) and on the server side (PagerDuty) Get example configuration for open source tools that you can use to build a zero trust network Learn how to migrate from a perimeter-based network to a zero trust network in production

The Palo Alto Accredited Configuration Engineer (ACE) exam tests your knowledge of the core features and functions of Palo Alto Networks next-generation firewalls. It is especially useful for those leading or participating in projects. This certification oncludes all the questions you will face in the exam center. Preparing for the Palo Alto Accredited Configuration Engineer (ACE) exam to become a certified ACE expert by Palo Alto? Here we have brought Best Exam Questions for you so that you can prepare well for this Exam of Accredited Configuration Engineer (ACE). Unlike other online simulation practice tests, you get an ebook version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

A collection of stories about troubled California teens and misfits follows the misadventures of a band of youths who experiment with vice in such tales as "American History" and "I Could Kill Someone."

Implement reverse engineering techniques to analyze software, exploit software targets, and defend against security threats like malware and viruses. Key Features Analyze and improvise software and hardware with real-world examples Learn advanced debugging and patching techniques with tools such as IDA Pro, x86dbg, and Radare2. Explore modern security techniques to identify, exploit, and avoid cyber threats Book Description If you want to analyze software in order to exploit its weaknesses and strengthen its defenses, then you should explore reverse engineering. Reverse Engineering is a hackerfriendly tool used to expose security flaws and questionable privacy practices.In this book, you will learn how to analyse software even without having access to its source code or design documents. You will start off by learning the low-level language used to communicate with the computer and then move on to covering reverse engineering techniques. Next, you will explore analysis techniques using real-world tools such as IDA Pro and x86dbg. As you progress through the chapters, you will walk through use cases encountered in reverse engineering, such as encryption and compression, used to obfuscate code, and how to to identify and overcome anti-debugging and anti-analysis tricks. Lastly, you will learn how to analyse other types of files that contain code. By the end of this book, you will have the confidence to perform reverse engineering. What you will learn Learn core reverse engineering Identify and extract malware components Explore the tools used for reverse engineering Run programs under non-native operating systems Understand binary obfuscation techniques Identify and analyze anti-debugging and anti-analysis tricks Who this book is for If you are a security engineer or analyst or a system programmer and want to use reverse engineering to improve your software and hardware, this is the book for you. You will also find this book useful if you are a developer who wants to explore and learn reverse engineering. Having some programming/shell scripting knowledge is an added advantage.

Trust the best selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. This series is built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. Master Cisco CCNA Wireless 200-355 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks This is the eBook edition of the CCNA Wireless 200-355 Official Cert Guide. This eBook does not include the companion DVD with practice exam that comes with the print edition. CCNA Wireless 200-355 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 Wireless 200-355 Official Cert Guide focuses specifically on the objectives for the Cisco CCNA WIFUND exam. Leading network engineer and best-selling Cisco certification author David Hucaby shares 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 WIFUND 200-355 exam, including RF signals, modulations, standards, and performance Antenna theory Wireless LAN topologies and 802.11 frame types Wireless AP coverage planning Cisco wireless architectures Autonomous, cloud, and controller-based deployments Controller discovery, roaming, and RRM Wireless security WLAN configuration Wireless guest network implementation Client connectivity Cisco wireless network management Troubleshooting interference and connectivity CCNA Wireless 200-355 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 http://www.cisco.com/web/learning/index.html.

The Certified Network Security Engineer on PAN-OS 7 (PCNSE7) exam tests your knowledge of the core features and functions of Palo Alto Networks next-generation firewalls. It is especially useful for those leading or participating in projects. This certification includes all the questions you will face in the exam center. This certification is best for students who want to get deeper understanding on configuration Palo Alto Firewalls. Preparing for the Certified Network Security Engineer on PAN-OS 7 (PCNSE7)

exam to become a certified Network Security Engineer on PAN-OS 7(PCNSE7) expert by Palo Alto? Here we have brought Best Exam Questions for you so that you can prepare well for this Exam of Certified Network Security Engineer on PAN-OS 7(PCNSE7). Unlike other online simulation practice tests, you get an ebook version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

Knowledge For All Palo Alto Networks Certification PCNSA Questions and Answers give you the confidence in knowing that you will pass the difficult Palo Alto Networks PCNSA exam on the first try. Knowledge For All offers the best quality PCNSA exam question and answers for passing the Palo Alto Networks PCNSA exam. You can get our 100% guaranteed Palo Alto Networks Certification PCNSA Questions and Answers to help you in passing the real Palo Alto Networks PCNSA exam.

Cortex XSOAR is the Security Orchestration, Automation and Response (SOAR) solution from Palo Alto Networks. Cortex XSOAR provides a centralized security orchestration and Automation solution to accelerate incident response and increase analyst productivity. A SOAR platform integrates your organization's security and monitoring tools, helping you centralize, standardize your incident handing processes.This book is a beginner friendly, step by step, practical guide that helps you to understand and learn Palo Alto Cortex XSOAR from scratch. No previous knowledge about the product is required and have explained all the important topics step by step, with screenshots.Covers,1) Solution architecture2) Incident lifecycle in Cortex XSOAR3) Integrations and incident creation4) Playbook development5) Layout customization6) Report creation7) Backup options8) Threat Intel management and EDL integration.9) Introduction to MSSP.

A Comprehensive guide covers everything you need to pass the Palo Alto Networks exams on your first try Do you want to earn Palo Alto Networks certification with first try?Are you looking for the practice tests for the Palo Alto Networks certification? If you answered "yes" to any of these, then this is the perfect educational and informational book for you! Hello! Welcome to "Palo Alto Networks Exams Study Guide." Palo Alto Networks is known around the world as a foremost provider of cybersecurity goods. It is a valued credential for those seeking development in the field of IT security. This Palo Alto Networks Certification Study Guide covers 100% of exam information, ensuring that you have a complete understanding of the right certification exam for you. The practice tests are constructed to enhance your confidence to sit for an actual exam as you will be challenging your knowledge and skills for the exams. This guide will cover all aspects of the Palo Alto Networks Exam Certifications. Successfully passing this assessment certifies that the successful applicant has the knowledge and skills essential to device the Palo Alto Networks next-generation firewall PAN-OS(R) 9.1 platform in any situation. Certification helps you become a better specialist and hones your skills to the highest levels. Here's what makes this book special: Basics & Fundamentals of Palo Alto Networks Exam AVIATRIX Certified Engineer (ACE) Program: Exam Guide & Sample Practice Test PCCSA - PALO ALTO Networks Certified Cybersecurity Associate: Exam Guide & Sample Practice Test PCNSA - PALO ALTO Networks Certified Network Security Administrator: Exam Guide & Sample Practice Test PCNSE - PALO ALTO Networks Certified Network Security Engineer (PAN-OS 9.0): Exam Guide & Sample Practice Test PCNSE7 - PALO ALTO Networks Certified Network Security Engineer: Exam Guide & Sample Practice Test By the end of this book you will be prepared to take the PALO ALTO certification Exams Finishing this book will provide you a complete understanding and deep knowledge of all the tools Much, much more! Interested? Then Scroll up, Click on "Buy now with 1-Click", and Get Your Copy Now! Also, you will get 50% discount on the simulator! To get discount for the simulator, you have to send your purchase receipt to mentioned email address in eBook.

- This is the latest practice test to pass the PCCSA Palo Alto Networks Certified Cybersecurity Associate Exam. - It contains 79 Questions and Answers. - All the questions are 100% valid and stable. - You can reply on this practice test to pass the exam with a good mark and in the first attempt.

Network Security Expert 4 Study Guide | Part-II Fortinet Network Security Introduction Introduction to FortiGate Part-II Infrastructure picks up where Part-I left off. The book begins by going on FortiOS VDOM technology and Session Helpers. You will gain a solid understanding on how VDOM's work and why they are needed. You will also learn why Session Helpers exist. Also, you will have an opportunity to gain insight into how FortiGate High Availability technology works as well. You will feel confident in your HA deployment after reading this book I promise you! Next, we dig into FortiOS logging technology which is essential for any SOC. Next, we review some popular VPN technologies like IPsec and SSL. This book shows you how to configure and use both technologies on FortiGate. After VPNs, we step into FortiOS SDWAN technology which is hot right now! you will learn what SDWAN is and how to deploy it! lastly we finish up Part-II Infrastructure with a full chapter on troubleshooting all the technology covered in Part-I and Part-II. VDOMs and Session Helpers | Chapter 5 - Configure, Define and Describe Session Helpers - Understand and Configure ALG - Define and describe VDOMs - Understand Management VDOM - Understand VDOM Administrators - Configure multiple VDOMs - understand and configure Inter-vdom link - limit resource allocated to VDOMs - Inter-VDOM Link Hardware Acceleration - VDOM Diagnostics High Availability | Chapter 6 - Identify Different Operation HA Modes - Config HA - Understand HA Election Process - Identify primary secondary units - Debug HA sync - Configure Session sync - HA failover types - Identify how HA modes pass traffic - Configure and understand Virtual Clustering - Verify HA operations - Upgrade HA firmware - FortiGate Clustering Protocol - HA Clustering Requirements - HA Diagnostics Logging and Monitoring | Chapter 7 - Log basics - Describe performance and logging - Identify local log storage - configure logging - Understand disk allocation - Identify External log storage - Configure log backups - configure alert email and threat weight - configure remote logging - understand log transmission - configure reliable logging and OFTPS - understand miglogd - Understand FortiView IPsec VPN | Chapter 8 - Understand IPsec and IKE fundamentals - Understand VPN topology - Understand route-based VPN - Configure Site-to-site VPN - Understand ASIC offload with VPN - Configure redundant VPNs - VPN best practices - Verify IPsec VPN - Understand Dial-up VPN SSL VPN | Chapter 9 - Understand SSL VPN concepts - Describe the differences between SSL an IPsec - Configure SSL VPN Modes - Configure SSL Realms - Configure SSL Authentcation - Monitor SSL VPN users and logs - Troubleshoot SSLVPN SDWAN | Chapter 10 - Understand SDWAN concepts - Understand SDWAN design - Understand SDWAN requirements - Configure SDWAN virtual link and load balance - Configure SDWAN routing and policies - Configure SDWAN health check - understand SLA link quality measurements - Understand SDWAN rules - configure dynamic link selection - Monitor SDWAN - Verify SDWAN traffic Diagnostics and Troubleshooting | Chapter 11 - Troubleshoot Layer-2 - Troubleshoot Routing - Troubleshoot Firewall Policy - Troubleshoot High Availability - Troubleshoot Logging - Troubleshoot IPsec - Troubleshoot SSL VPN - Troubleshoot SDWAN

PCCSA exam questions can help you improve your strength! You will master the most practical knowledge in the short time Practice test for the Palo Alto Networks PCCSA certification. This will help assess how ready you are to pass the exam.

Certification Exam informations Exam Code: PCCSA Exam Name: Palo Alto Networks Certified Cybersecurity Associate Q & A: 50 Questions and Answers Price$ 100 USD Duration 60 minutes Passing Score 70% Updated 09.02.2020: *If you do not want to lose time and money, you can try this practice test. How To Register For An Exam Exam appointments may be made in advance or on the day you wish to test, subject to availability. The exam/appointment testing time limit noted on Pearson VUE web pages reflects the total appointment time, including an NDA, exam time, and survey. Sign in or Create an Account with Pearson VUE. Please use your Legal name as displayed on your government issued IDs. Please also use your Business email address as your primary address. Not using business email address can negatively impact your company's partner status. Login to your account, select an exam, select a location, and then register for a seat. Palo Alto Networks Certification Program Agreement All certification candidates are required to accept and agree to the terms of the Palo Alto Networks Certification Candidate Agreement before taking a certification exam. Palo Alto Networks encourages candidates to download and carefully review the agreement before their exam appointment. The Agreement will not be available at the testing center. It will be provided with the exam confirmation email from Pearson VUE. The Agreement is between Palo Alto Networks and each individual candidate and not with the employer of those candidates. Exam Rescheduling and Cancellation Policies If candidate needs to reschedule or cancel their exam the must contact Pearson VUE 48 hours prior to the exam appointment. Rescheduling an exam less than 48 hours in advance is subject to the same day forfeit of exam fee. Exams scheduled with ADA accommodations need to reschedule or cancel their exam 72 hours in advance or will be subject to the same day forfeit exam fee. ID Requirements Photo Capture and Digital Signature Requirements To maintain the highest level of security and authentication, all Palo Alto Networks score reports provided at Pearson VUE testing center will include a photo of the candidate. Test Center Administrators are required to take a photograph of each candidate prior to testing. Candidates who do not wish to have their picture taken will need to contact paloalto 14 business days in advance of the exam. Testing Center Administrators will also capture Digital Signatures during the sign in process at the testing centers. Identification (ID) Requirements Carefully review the ID requirements prior to your exam appointment Palo Alto PCCSA Exam Topics: SectionObjectivesCybersecurity Foundation 1. Cybersecurity Landscape - Modern computing trends - New application framework and threat vectors - Turbulence in the cloud - SaaS application risks - Compliance and security are not the same - Recent high-profile cyber-attack examples 2. Cyberthreats - Attacker profiles and motivations - Modern cyber-attack strategy 3. Endpoint security basics 4. Cyber-attack Techniques and Types - Malware - Vulnerabilities and exploits - Spamming and phishing - Bots and botnets Spamming botnets DDoS botnets Financial botnets 5. Wi-Fi and Advanced Persistent Threats - Wi-Fi vulnerabilities Wired equivalent privacy Wi-Fi Protected Access (WPA/WPA2/WPA3) - Wi-Fi man-in-the-middle attacks Evil Twin Jasager SSLstrip - Advanced Persistent Threats Cybersecurity Gateway 1. The Connected Globe - The NET: How things connect - Introduction to networking devices - Routed and routing protocols - Area networks and topologies - Domain Name System (DNS) 2. Physical, Logical, and Virtual Addressing - IP addressing basics - Introduction to subnetting 3. Packet Encapsulation and Lifecycle - The OSI and TCP/IP models - Data encapsulation 4. Network Security Models - Perimeter-based network security strategy - Zero Trust security Core Zero Trust design principles Zero Trust conceptual architecture Key Zero Trust criteria and capabilities Implementing a Zero Trust design 5. Cloud and Data Center Security - Cloud computing depends on virtualization - Cloud computing security considerations and requirements - Traditional data security solution weaknesses - East-west traffic protection - Implementing security in virtualized data centers 6. Network Security Technologies - Firewalls Packet filtering firewalls Stateful packet inspection (SPI) firewalls Application firewalls - Intrusion detection and prevention systems - Web content filters - Virtual private networks Point-to-point tunneling protocol) Layer 2 tunneling protocol Secure socket tunneling protocol Microsoft Point-to-Point Encryption OpenVPN Internet Protocol Security Secure Sockets Layer (SSL) - Data loss prevention - Unified Threat Management - Security information and event management 7. Endpoint security - Anti-malware Signature-based Container-based Application whitelisting Anomaly detection - Anti-spyware - Personal firewalls - Host-based Intrusion Prevention Systems (HIPS) - Mobile device management 8. Cloud, Virtualization, and Storage Security - Cloud computing - Virtualization - Local and remote storage 9. Networking Concepts - Server and system administration Patch management Configuration management - Directory services - Structured host and network troubleshooting - ITIL fundamentals - Help desk and technical support Cybersecurity Essentials 1. Security Operating Platform 2. Network Security - Next-generation firewalls Application identification User Identification Content identification Log correlation and reporting - Palo Alto Networks Expedition (Migration Tool) - Network security management (Panorama) 3. Endpoint Protection - Advanced endpoint protection (Traps) Malware prevention Exploit prevention Traps deployment architecture Traps in action - Mobile security and VPN management (GlobalProtect) 4. Cloud Security - Cloud monitoring and compliance (Evident) - SaaS security (Aperture) SaaS threat prevention Data exposure visibility Contextual data exposure control Advanced document classification Retroactive policy 5. Application Framework and Logging Service - Behavioral analytics (Magnifier) - Log management (Logging Service) - Threat intelligence (AutoFocus) Priority alerts and tags Threat correlation Actionable intelligence - Threat indicator sharing (MineMeld) - Malware analysis (WildFire) Behavior-based cyberthreat discovery Threat prevention with global intelligence sharing Integrated logging, reporting, and forensics --- You'll Also Get: ? Lifetime Access to course updates ? Fast & Friendly Support in the Q&A section Don't Miss Out! Every second you wait is costing you valuable leads. Go ahead and hit the "take this practice test" button to start your career today! Thank you very much and have a wonderful day! Good Luck :)

Virtual, hands-on learning labs allow you to apply your technical skills in realistic environments. So Sybex has bundled AWS labs from XtremeLabs with our popular AWS Certified Cloud Practitioner Study Guide to give you the same experience working in these labs as you prepare for the Certified Cloud Practitioner Exam that you would face in a real-life application. These labs in addition to the book are a proven way to prepare for the certification and for work as an AWS Cloud Practitioner. The AWS Certified Cloud Practitioner Study Guide: Exam CLF-C01 provides a solid introduction to this industry-leading technology, relied upon by thousands of businesses across the globe, as well as the resources you need to prove your knowledge in the AWS Certification Exam. This guide offers complete and thorough treatment of all topics included in the exam, beginning with a discussion of what the AWS cloud is and its basic global infrastructure and architectural principles. Other chapters dive into the technical, exploring core characteristics of deploying and operating in the AWS Cloud Platform, as well as basic security and compliance aspects and the shared security model. In addition, the text identifies sources of documentation or technical assistance, such as white papers or support tickets. To complete their coverage, the authors discuss the AWS Cloud value proposition and define billing, account management, and pricing models. This includes describing the key services AWS can provide and their common use cases (e.g., compute, analytics, etc.). Distinguish yourself as an expert by obtaining a highly desirable certification in a widely used platform Hone your skills and gain new insights on AWS whether you work in a technical, managerial, sales, purchasing, or financial field Fully prepare

for this new exam using expert content and real-world knowledge, key exam essentials, chapter review questions, and other textual resources Benefit from access to the Sybex online interactive learning environment and test bank, including chapter tests, practice exams, key term glossary, and electronic flashcards XtremeLabs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months unlimited access to XtremeLabs AWS Certified Cloud Practitioner Labs with 8 unique lab modules based on the book. The AWS Certified Cloud Practitioner Study Guide is essential reading for any professional in IT or other fields that work directly with AWS, soon-to-be graduates studying in those areas, or anyone hoping to prove themselves as an AWS Certified Cloud Practitioner.

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.

"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

In the third Camilla MacPhee Mystery, Camilla's looking forward to cutting loose at Ottawa's Bluesfest, the huge open-air extravaganza, and to seeing the tail end of her annoying office assistant, Alvin, who is finally quitting. Then the news comes from the East Coast. Alvin's younger brother Jimmy has vanished from the midst of a Canada Day crowd in Sydney, Nova Scotia. Is he dead? Has he been abducted? Sleuthing irritably about Sydney on Alvin's behalf, Camilla manages to make the usual quota of people froth at the mouth, including Jimmy's frantic family, forlorn friends and puzzled teachers. She doesn't spare the parish priest or even the guy at the chip stand. Before Camilla knows it, all roads lead back to Ottawa, where a killer with everything to lose waits to create havoc among the tents, guitar-pickers and happy, swaying crowds. If Camilla doesn't sort out this whole mess, how many other people are going to die?

Practice test for the Palo Alto Networks PCCSA certification. This will help assess how ready you are to pass the exam.Certification Exam informationsExam Code: PCCSAExam Name: Palo Alto Networks Certified Cybersecurity AssociateQ & A: 50 Questions and AnswersPrice$ 100 USDDuration 60 minutesPassing Score 70%Updated 09.02.2020:*If you do not want to lose time and money, you can try this practice test.Palo Alto PCCSA Exam Topics:SectionObjectivesCybersecurity Foundation1. Cybersecurity Landscape- Modern computing trends- New application framework and threat vectors- Turbulence in the cloud- SaaS application risks- Compliance and security are not the same- Recent high-profile cyber-attack examples2. Cyberthreats- Attacker profiles and motivations- Modern cyber-attack strategy3. Endpoint security basics4. Cyber-attack Techniques and Types- Malware- Vulnerabilities and exploits- Spamming and phishing- Bots and botnetsSpamming botnetsDDoS botnetsFinancial botnets5. Wi-Fi and Advanced Persistent Threats- Wi-Fi vulnerabilitiesWired equivalent privacyWi-Fi Protected Access (WPA/WPA2/WPA3)- Wi-Fi man-in-the-middle attacksEvil TwinJasagerSSLstrip- Advanced Persistent ThreatsCybersecurity Gateway1. The Connected Globe- The NET: How things connect- Introduction to networking devices- Routed and routing protocols- Area networks and topologies- Domain Name System (DNS)2. Physical, Logical, and Virtual Addressing- IP addressing basics- Introduction to subnetting3. Packet Encapsulation and Lifecycle- The OSI and TCP/IP models- Data encapsulation4. Network Security Models- Perimeter-based network security and more more...You'll Also Get:? Lifetime Access to course updates? Fast & Friendly Support in the Q&A sectionDon't Miss Out!Every second you wait is costing you valuable leads.Go ahead and hit the "take this practice test" button to start your career today!Thank you very much and have a wonderful day!Good Luck :)

Learn how to design, plan, implement, and support a secure remote access solution using DirectAccess in Windows Server 2016. Remote Access has been included in the Windows operating system for many years. With each new operating system release, new features and capabilities have been included to allow network engineers and security administrators to provide remote access in a secure and cost-effective manner. DirectAccess in Windows Server 2016 provides seamless and transparent, always on remote network connectivity for managed Windows devices. DirectAccess is built on commonly deployed Windows platform technologies and is designed to streamline and simplify the remote access experience for end users. In addition, DirectAccess connectivity is bidirectional, allowing administrators to more effectively manage and secure their field-based assets. Implementing DirectAccess with Windows Server 2016 provides a high-level overview of how DirectAccess works. The vision and evolution of DirectAccess are outlined and business cases and market drivers are explained. DirectAccess is evaluated against traditional VPN and this book describes the Windows platform technologies that underpin this solution. In addition, this book: Explains how the technology works and the specific IT pain points that it addresses Includes detailed, prescriptive

guidance for those tasked with implementing DirectAccess using Windows Server 2016 Addresses real-world deployment scenarios for small and large organizations Contains valuable tips, tricks, and implementation best practices for security and performance"/li> What you'll learn A high-level understanding of the various remote access technologies included in Windows Server 2016. Common uses cases for remote access, and how best to deploy them in a secure, stable, reliable, and highly available manner. Valuable insight in to design best practices and learn how to implement DirectAccess and VPN with Windows Server 2016 according to deployment best practices. Who This Book Is For IT administrators, network, and security administrators and engineers, systems management professionals, compliance auditors, and IT executive management (CIO, CISO) are the target audience for this title.

Get up to speed on the latest Ethernet capabilities for building and maintaining networks for everything from homes and offices to data centers and server machine rooms. This thoroughly revised, comprehensive guide covers a wide range of Ethernet technologies, from basic operation to network management, based on the authors' many years of field experience. When should you upgrade to higher speed Ethernet? How do you use switches to build larger networks? How do you troubleshoot the system? This book provides the answers. If you're looking to build a scalable network with Ethernet to satisfy greater bandwidth and market requirements, this book is indeed the definitive guide. Examine the most widely used media systems, as well as advanced 40 and 100 gigabit Ethernet Learn about Ethernet's four basic elements and the IEEE standards Explore full-duplex Ethernet, Power over Ethernet, and Energy Efficient Ethernet Understand structured cabling systems and the components you need to build your Ethernet system Use Ethernet switches to expand and improve network design Delve into Ethernet performance, from specific channels to the entire network Get troubleshooting techniques for problems common to twisted-pair and fiber optic systems

Tribe of Hackers: Cybersecurity Advice from the Best Hackers in the World (9781119643371) was previously published as Tribe of Hackers: Cybersecurity Advice from the Best Hackers in the World (9781793464187). While this version features a new cover design and introduction, the remaining content is the same as the prior release and should not be considered a new or updated product. Looking for real-world advice from leading cybersecurity experts? You've found your tribe. Tribe of Hackers: Cybersecurity Advice from the Best Hackers in the World is your guide to joining the ranks of hundreds of thousands of cybersecurity professionals around the world. Whether you're just joining the industry, climbing the corporate ladder, or considering consulting, Tribe of Hackers offers the practical know-how, industry perspectives, and technical insight you need to succeed in the rapidly growing information security market. This unique guide includes inspiring interviews from 70 security experts, including Lesley Carhart, Ming Chow, Bruce Potter, Robert M. Lee, and Jayson E. Street. Get the scoop on the biggest cybersecurity myths and misconceptions about security Learn what qualities and credentials you need to advance in the cybersecurity field Uncover which life hacks are worth your while Understand how social media and the Internet of Things has changed cybersecurity Discover what it takes to make the move from the corporate world to your own cybersecurity venture Find your favorite hackers online and continue the conversation Tribe of Hackers is a must-have resource for security professionals who are looking to advance their careers, gain a fresh perspective, and get serious about cybersecurity with thought-provoking insights from the world's most noteworthy hackers and influential security specialists.

The Palo Alto Networks Certified Network Security Administrator (PCNSA) is a formal, third?party proctored certification that indicates that those who have passed it possess the in?depth knowledge to design, install, configure, and maintain most implementations based on the Palo Alto Networks platform. Exam Name: Network Security Administrator Exam Number: PCNSA PAN?OS 10 Exam Price: $155 USD Duration : 80 minutes Number of Questions: 50 Passing Score: Variable (70-80 / 100 Approx.) Palo Alto PCNSA Exam Topics: Palo Alto PCNSA Exam Topics: Palo Alto Networks Security Operating Platform Core Components: - Identify the components of the Palo Alto Networks Cybersecurity Portfolio. - Identify the components and operation of Single-Pass Parallel Processing architecture. - Given a network design scenario, apply the Zero Trust security model and describe how it relates to traffic moving through your network. - Identify stages in the cyberattack lifecycle and firewall mitigations that can prevent attacks. Simply Passing Traffic: - Identify and configure firewall management interfaces. - Identify how to manage firewall configurations. - Identify and schedule dynamic updates. - Configure internal and external services for account administration. - Given a network diagram, create the appropriate security zones. - Identify and configure firewall interfaces. - Given a scenario, identify steps to create and configure a virtual router. - Identify the purpose of specific security rule types. - Identify and configure security policy match conditions, actions, and logging options. - Given a scenario, identify and implement the proper NAT solution. Traffic Visibility: - Given a scenario, select the appropriate application-based security policy rules. - Given a scenario, configure application filters or application groups. - Identify the purpose of application characteristics as defined in the App-ID database. - Identify the potential impact of App-ID updates to existing security policy rules. - Identify the tools to optimize security policies. - Identify features used to streamline App-ID policy creation. Securing Traffic: - Given a risk scenario, identify and apply the appropriate security profile. - Identify the difference between security policy actions and security profile actions. - Given a network scenario, identify how to customize security profiles. - Identify the firewall's protection against packet- and protocol-based attacks. - Identify how the firewall can use the cloud DNS Security to control traffic based on domains. - Identify how the firewall can use the PAN-DB database to control traffic based on websites. - Identify how to control access to specific URLs using custom URL filtering categories. Identifying Users: - Given a scenario, identify an appropriate method to map IP addresses to usernames. - Given a scenario, identify the appropriate User-ID agent to deploy. - Identify how the firewall maps usernames to user groups. - Given a graphic, identify User-ID configuration options. Deployment Optimization: - Identify the benefits and differences between the Heatmap and the BPA reports.

Everything you need to start your career in computer networking Looking to land that computer networking position? Look no further! Getting a Networking Job For Dummies offers all the tools and step-by-step guidance you need to stand out from the crowd, get your foot in the door, and secure a job in this fast-growing sector. In no time, you'll get a handle on networking roles, necessary education, training, and certifications, ways to brand yourself for your dream career, and so much more. These days, computer networking can be a complicated industry, and knowing what you need to do to make yourself an attractive candidate for a coveted networking position can make all the difference. Luckily, Getting a Networking Job For Dummies arms you with everything you need to be one step ahead of the game. Humorous, practical, and packed with authoritative information, this down-to-earth guide is your go-to handbook for scoring that sought-after computer networking position! Find the right organization for you Write a winning resume that gets attention Answer difficult interview questions with confidence Identify required certifications to get the job you want If you're a prospective computer networking employee looking to present yourself as a strong, competitive candidate in the computer networking market, this hands-on guide sets you up for success.

Here's the book you need to prepare for the JNCIA exam, JN0-201, from Juniper Networks. Written by a team of Juniper Network trainers and engineers, this Study Guide provides: Assessment testing to focus and direct your studies In-depth coverage of official test objectives Hundreds of challenging practice questions, in the book and on the CD Authoritative coverage of all test

objectives, including: Working with the JUNOS software Implementing Juniper Networks boot devices Troubleshooting Routing Information Protocol Implementing a routing policy Configuring and monitoring an OSPF Network Implementing Border Gateway Protocol Monitoring and troubleshooting an IS-IS network Understanding the Reverse Path Forwarding process Operating firewall filters Using Multiprotocol Label Switching Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

This book describes the concept of a Software Defined Mobile Network (SDMN), which will impact the network architecture of current LTE (3GPP) networks. SDN will also open up new opportunities for traffic, resource and mobility management, as well as impose new challenges on network security. Therefore, the book addresses the main affected areas such as traffic, resource and mobility management, virtualized traffics transportation, network management, network security and techno economic concepts. Moreover, a complete introduction to SDN and SDMN concepts. Furthermore, the reader will be introduced to cutting-edge knowledge in areas such as network virtualization, as well as SDN concepts relevant to next generation mobile networks. Finally, by the end of the book the reader will be familiar with the feasibility and opportunities of SDMN concepts, and will be able to evaluate the limits of performance and scalability of these new technologies while applying them to mobile broadb and networks.

- This is the latest practice test to pass the PCNSE Palo Alto Networks Certified Network Security Engineer Exam. - It contains 162 Questions and Answers. - All the questions are 100% valid and stable. - You can reply on this practice test to pass the exam with a good mark and in the first attempt.

Get to grips with the most common as well as complex Linux networking configurations, tools, and services to enhance your professional skills Key Features Learn how to solve critical networking problems using real-world examples Configure common networking services step by step in an enterprise environment Discover how to build infrastructure with an eye toward defense against common attacks Book Description As Linux continues to gain prominence, there has been a rise in network services being deployed on Linux for cost and flexibility reasons. If you are a networking professional or an infrastructure engineer involved with networks, extensive knowledge of Linux networking is a must. This book will guide you in building a strong foundation of Linux networking concepts. The book begins by covering various major distributions, how to pick the right distro, and basic Linux network configurations. You'll then move on to Linux network diagnostics, setting up a Linux firewall, and using Linux as a host for network services. You'll discover a wide range of network services, why they're important, and how to configure them in an enterprise environment. Finally, as you work with the example builds in this Linux book, you'll learn to configure various services to defend against common attacks. As you advance to the final chapters, you'll be well on your way towards building the underpinnings for an all-Linux datacenter. By the end of this book, you'll be able to not only configure common Linux network services confidently, but also use tried-and-tested methodologies for future Linux installations. What you will learn Use Linux as a troubleshooting and diagnostics platform Explore Linux-based network services Configure a Linux firewall and set it up for network services Deploy and configure Domain Name System (DNS) and Dynamic Host Configuration Protocol (DHCP) services securely Configure Linux for load balancing, authentication, and authorization services Use Linux as a logging platform for network monitoring Deploy and configure Intrusion Prevention Services (IPS) Set up Honeypot solutions to detect and foil attacks Who this book is for This book is for IT and Windows professionals and admins looking for guidance in managing Linux-based networks. Basic knowledge of networking is necessary to get started with this book.

Explore everything you need to know to set up secure remote access, harden your firewall deployment, and protect against phishing Key Features Learn the ins and outs of advanced Palo Alto features and troubleshoot any situation with ease Become well-versed with setting up your own lab for continued development Gain an in-depth understanding of some of the topics that are covered less commonly in the PCNSE exam Book Description This book builds on the content found in Mastering Palo Alto Networks, providing you with the information you need to know to fully understand, deploy, and troubleshoot Palo Alto Networks Strata products. Complete with step-by-step explanations of essential concepts, practical examples, and step-by-step instructions, you will gain a solid understanding of how to configure and deploy Palo Alto Networks remote access products. As you advance, you will learn how to design, deploy, and troubleshoot physical and virtual products. Later, you will explore new features and discover how to incorporate them into your environment. By the end of this Palo Alto Networks book, you will have mastered troubleshooting methodologies and have the confidence you need to be able to deploy phishing protection. What you will learn Understand how log forwarding is configured on the firewall Focus on effectively enabling remote access Explore alternative ways for connecting users and remote networks Protect against phishing with credential detection Understand how to troubleshoot complex issues confidently Strengthen the security posture of your firewalls Who this book is for This book is for anyone who wants to learn more about remote access for users and remote locations by using GlobalProtect and Prisma access and by deploying Large Scale VPN. Basic knowledge of Palo Alto Networks, network protocols, and network design will be helpful, which is why reading Mastering Palo Alto Networks is recommended first to help you make the most of this book.

Key Strategies to Safeguard Your Future Well Aware offers a timely take on the leadership issues that businesses face when it comes to the threat of hacking. Finney argues that cybersecurity is not a technology problem; it's a people problem. Cybersecurity should be understood as a series of nine habits that should be mastered—literacy, skepticism, vigilance, secrecy, culture, diligence, community, mirroring, and deception—drawn from knowledge the author has acquired during two decades of experience in cybersecurity. By implementing these habits and changing our behaviors, we can combat most security problems. This book examines our security challenges using lessons learned from psychology, neuroscience, history, and economics. Business leaders will learn to harness effective cybersecurity techniques in their businesses as well as their everyday lives.

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