Network Defense And Countermeasures

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guide to network defense and countermeasures international edition provides a thorough guide to perimeter defense fundamentals including intrusion detection and firewalls this trusted text also covers more advanced topics such as security policies network address translation nat packet filtering and analysis proxy servers virtual private networks vpn and network traffic signatures thoroughly updated the new third edition reflects the latest technology trends and techniques including virtualization vmware ipv6 and icmpv6 structure making it easier for current and aspiring professionals to stay on the cutting edge and one step ahead of potential security threats a clear writing style and numerous screenshots and illustrations make even complex technical material easier to understand while tips activities and projects throughout the text allow students to hone their skills by applying what they learn perfect for students and professionals alike in this high demand fast growing field guide to network defense and countermeasures international edition is a must have resource for success as a network security professional

all you need to know about defending networks in one book clearly explains concepts terminology challenges tools and skills covers key security standards and models for business and government the perfect introduction for all network computer security professionals and students welcome to today s most useful and practical introduction to defending modern networks drawing on decades of experience chuck easttom brings together updated coverage of all the concepts terminology techniques and solutions you ll need to be effective easttom thoroughly introduces the core technologies of modern network security including firewalls intrusion detection systems and vpns next he shows how encryption can be used to safeguard data as it moves across networks you ll learn how to harden operating systems defend against malware and network attacks establish robust security policies and assess network security using industry leading standards and models you ll also find thorough coverage of key issues such as physical security forensics and cyberterrorism throughout easttom blends theory and application helping you understand both what to do and why in every chapter quizzes exercises projects and web resources deepen your understanding and help you use what you ve learned in the

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tired of playing catchup with hackers does it ever seem they have all of the cool tools does it seem like defending a network is just not fun this books introduces new cyber security defensive tactics to annoy attackers gain attribution and insight on who and where they are it discusses how to attack attackers in a way which is legal and incredibly useful

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guide to network defense and countermeasures examines the practice of intrusion detection which encompasses virtually all aspects of network security as more businesses and organizations use the internet for day to day communications they can use intrusion detection techniques to deter attacks detect intrusion attempts respond to break ins assess the damage of hack attacks and locate and prosecute intruders guide to network defense and countermeasures includes coverage of intrusion detection design and implementation firewalls design and implementation virtual private networks vpns packet filters and network traffic signatures in addition this text prepares students to take the network defense and countermeasures exam which is the second exam for the security certified professional scp certification

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