

Network Security Attacks and Countermeasures

Part of the Advances in Information Security, Privacy, and Ethics (AISPE) Book Series

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Description:

Our world is increasingly driven by sophisticated networks of advanced computing technology, and the basic operation of everyday society is becoming increasingly vulnerable to those networks' shortcomings. The implementation and upkeep of a strong network defense is a substantial challenge, beset not only by economic disincentives, but also by an inherent logistical bias that grants advantage to attackers.

Network Security Attacks and Countermeasures discusses the security and optimization of computer networks for use in a variety of disciplines and fields. This publication touches on such matters as mobile and VPN security, IP spoofing, and intrusion detection.

This edited compilation includes chapters covering topics such as attacks and countermeasures, mobile wireless networking, intrusion detection systems, next-generation firewalls, and more.

Readers:

This edited collection emboldens the efforts of researchers, academics, and network administrators working in both the public and private sectors.

ISBN: 9781466687615

Release Date: September, 2015

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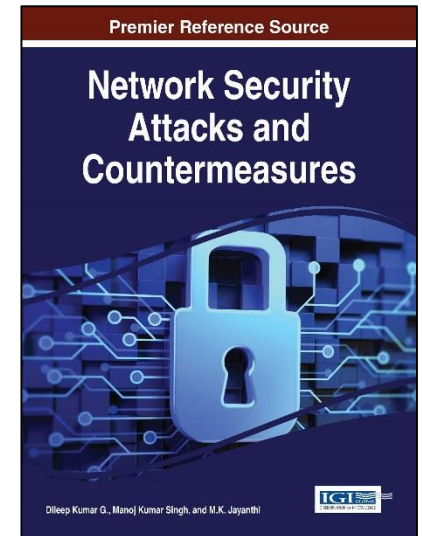
Pages: 311

Topics Covered:

- DDoS Attacks
- Intrusion Detection and Prevention
- Network Administration
- RSA Vulnerabilities
- Threat Classification
- Virtual Private Networks
- VPN Security
- Wireless Sensor Networks

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