



Applied Information Security

By David Basin

Springer Nov 2013, 2013. Taschenbuch. Book Condition: Neu. 23.5x15.5x cm. This item is printed on demand - Print on Demand Neuware - This book explores fundamental principles for securing IT systems and illustrates them with hands-on experiments that may be carried out by the reader using accompanying software. The experiments highlight key information security problems that arise in modern operating systems, networks, and web applications. The authors explain how to identify and exploit such problems and they show different countermeasures and their implementation. The reader thus gains a detailed understanding of how vulnerabilities arise and practical experience tackling them. After presenting the basics of security principles, virtual environments, and network services, the authors explain the core security principles of authentication and access control, logging and log analysis, web application security, certificates and public-key cryptography, and risk management. The book concludes with appendices on the design of related courses, report templates, and the basics of Linux as needed for the assignments. The authors have successfully taught IT security to students and professionals using the content of this book and the laboratory setting it describes. The book can be used in undergraduate or graduate laboratory courses, complementing more theoretically oriented courses, and...



[READ ONLINE](#)
[3.98 MB]

Reviews

Comprehensive guide for pdf lovers. It generally is not going to charge too much. You may like just how the article writer write this book.
-- **Neva Hammes MD**

Thorough information for publication lovers. it was actually writtren extremely properly and useful. I found out this publication from my i and dad suggested this book to learn.
-- **Dr. Garnett McLaughlin II**