Computer Security Literacy: Staying Safe In A Digital World

Synopsis

Computer users have a significant impact on the security of their computer and personal information as a result of the actions they perform (or do not perform). Helping the average user of computers, or more broadly information technology, make sound security decisions, Computer Security Literacy: Staying Safe in a Digital World focuses on practical security topics that users are likely to encounter on a regular basis. Written for nontechnical readers, the book provides context to routine computing tasks so that readers better understand the function and impact of security in everyday life. The authors offer practical computer security knowledge on a range of topics, including social engineering, email, and online shopping, and present best practices pertaining to passwords, wireless networks, and suspicious emails. They also explain how security mechanisms, such as antivirus software and firewalls, protect against the threats of hackers and malware. While information technology has become interwoven into almost every aspect of daily life, many computer users do not have practical computer security knowledge. This hands-on, in-depth guide helps anyone interested in information technology to better understand the practical aspects of computer security and successfully navigate the dangers of the digital world.

Book Information

Paperback: 368 pages

Publisher: Chapman and Hall/CRC (November 27, 2012)

Language: English

ISBN-10: 1439856184

ISBN-13: 978-1439856185

Product Dimensions: 0.8 x 6 x 9 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 starsÂ Â See all reviewsÂ (7 customer reviews)

Best Sellers Rank: #974,165 in Books (See Top 100 in Books)   #213 inÂ Books > Computers & Technology > Security & Encryption > Encryption   #227 inÂ Books > Computers & Technology > Security & Encryption > Cryptography   #230848 inÂ Books > Reference

Customer Reviews

One of the most important papers on computer security and usability was Why Johnny Can't Encrypt, A Usability Evaluation of PGP 5.0 by Alma Whitten and J.D. Tygar. They noted that user errors cause or contribute to most computer security failures.User error was manifest last week when it was detailed that the New York Times was penetrated over the course of four months by

Chinese hackers who infiltrated its network and obtained passwords for a significant amount of the Times reporters and employees.Attempting to alleviate such user error issues, Computer Security Literacy: Staying Safe in a Digital World is a helpful security awareness book.The book is written for the non-technical user, and attempts to provide a thorough overview of all areas where they need to be aware of the information security and privacy risks.Critical areas such as phishing, malware, social engineering, email issue, e-commerce and more.The book provides information about essential security topics in an easy to read manner.While the book is intended for non-technical users, it does take a somewhat technical slant. For those readers that are comfortable with command-line edits and other configuration changes, they will not be intimidated by this book.Overall, Computer Security Literacy: Staying Safe in a Digital World is a worthwhile guide for an organization to have in their information security awareness program. It provides the reader with an understanding and appreciation for the magnitude of computer security.Had the New York Times employees been aware of the risks and taken actions as written in Computer Security Literacy: Staying Safe in a Digital World, odds are that the effects would have been much less, and they wouldn't have been a cover story in their own periodical.

This is one of the best books I've read on computer security, and no I don't know or have any affiliation with the authors or anything like that. I'm just someone who wants to know more about computer and internet security to avoid online scams, getting hacked and becoming an identity theft victim.The book is in color and the diagrams used are simple and well explained (click on the "Look Inside" to view part of the book). To explain concepts, the authors selects every day, easy to relate to analogies like a post office letter for network routing. The one thing I didn't like was the lack of an index in the back.I think the book is written at a level one might find used for a first year introductory college course on computer security. The authors don't assume you have a background in computer science or engineering. Rather as someone else pointed out in their review, the book is written more for the layman.I debated whether to buy this book because there's a lot of free security information available on the internet that covers the same topics as the book. But what I found was the internet has a lot of wrong, outdated and conflicting information which can leave you vulnerable when it comes to computer security. I felt it's worth the price of the book to make sure I had the latest (as of 2012) and right information (the authors are an Iowa State professor and a program manager at Microsoft) so I purchased the book and I don't regret it.

"Computer Security Literacy : Staying Safe In A Digital World, Circa 12.2012" in its 14+ Chapters,

344+ Pages seeks to educate US, the non-technical user, at the user layer, and focuses on practical topics that WE are likely to encounter on a regular basis...It has long been recognized that WE, the user, are the weakest link in the Security chain..."Computer Security Literacy", a hands-on, in-depth user guide, provides relevant knowledge & information in our multiple daily uses of Information Technology...Going Forward, WE, the user, often have the greatest impact in the Security of our Computers and Information, as it turns out, by the Results of the Actions that WE do or do not perform..."Computer Security Literacy" provides practical Security education to give US, the user, the context to make sound Security decisions!!!...>>> Michael ...

I stumbled onto this book while looking for a book for one of my classes. I was having a number of PC issues at the time, and decided to give this a read. It was very helpful for me! I used to be pretty nonchalant about my computer use while online, and I have paid the price for some errant clicks a number of times before. This opened me up to what phishing attacks were, and how to tell if something is likely a scam or a dangerous link. I think I have become a smarter internet user, and hopefully this book can do the same for you.

Computer Security Literacy: Staying Safe in a Digital World Social Security & Medicare Facts 2016: Social Security Coverage, Maximization Strategies for Social Security Benefits, Medicare/Medicaid, Social Security Taxes, Retirement & Disability, Ser Hacking: Computer Hacking:The Essential Hacking Guide for Beginners, Everything You need to know about Hacking, Computer Hacking, and Security ... Bugs, Security Breach, how to hack) Staying Healthy in Asia, Africa, and Latin America (Moon Handbooks Staying Healthy in Asia, Africa & Latin America) Digital Logic Design and Computer Organization with Computer Architecture for Security Computer Networks (Get Connected to Digital Literacy) Staying Safe on the School Bus Staying Safe Online A Smart Girl's Guide: Staying Home Alone (Revised): A Girl's Guide to Feeling Safe and Having Fun Visiting the Dog Park: Having Fun, Staying Safe LITERACY IN COLONIAL NEW ENGLAND; An Enquiry into the Social Context of Literacy in the Early Modern West Data Information Literacy: Librarians, Data, and the Education of a New Generation of Researchers (Purdue information literacy handbooks) Netiquette: A Student's Guide to Digital Etiquette (Digital & Information Literacy (Paper)) Managing Your Digital Footprint (Digital & Information Literacy (Library)) Managing Your Digital Footprint (Digital and Information Literacy) Enhancing Your Academic Digital Footprint (Digital and Information Literacy) Understanding Digital Piracy (Digital and Information Literacy) Cryptocurrency: Guide To Digital Currency: Digital Coin Wallets With Bitcoin, Dogecoin, Litecoin, Speedcoin,

Feathercoin, Fedoracoin, Infinitecoin, and ... Digital Wallets, Digital Coins Book 1) The Myths of Security: What the Computer Security Industry Doesn't Want You to Know Being Safe with Weather (Be Safe)