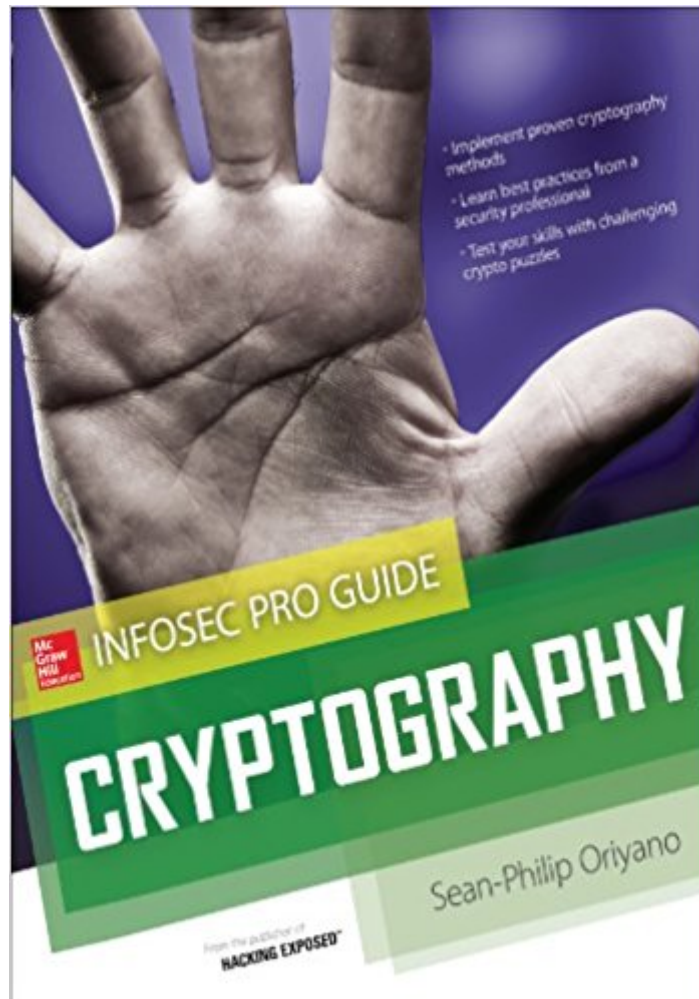# Cryptography InfoSec Pro Guide (Beginner's Guide)

Synopsis

Security Smarts for the Self-Guided IT Professional This complete, practical resource for security and IT professionals presents the underpinnings of cryptography and features examples of how security is improved industry-wide by encryption techniques. Cryptography: InfoSec Pro Guide provides you with an actionable, rock-solid foundation in encryption and will demystify even a few of the more challenging concepts in the field. From high-level topics such as ciphers, algorithms and key exchange, to practical applications such as digital signatures and certificates, the book delivers working tools to data storage architects, security mangers, and others security practitioners who need to possess a thorough understanding of cryptography. True to the hallmarks of all InfoSec Pro Guides, the book imparts the hard-learned lessons and experiences of knowledgeable professionals in security, providing know-how that otherwise takes years to learn. Youâ ™re led through the Why and How of cryptography, the history of the science, the components of cryptography and how it is applied to various areas in the field of security. Challenging crypto puzzles in every chapter Ready-to-implement cryptographic techniques explained Lingoâ ”Common security terms defined so that youâ ™re in the know on the job IMHOâ ”Frank and relevant opinions based on the authorâ ™s years of industry experience Budget Noteâ ”Tips for getting security technologies and processes into your organizationâ ™s budget In Actual Practiceâ ”Exceptions to the rules of security explained in real-world contexts Your Planâ ”Customizable checklists you can use on the job now Into Actionâ ”Tips on how, why, and when to apply new skills and techniques at work

Book Information

Enhanced Typesetting: Enabled

Customer Reviews

I believe it is important to add a quick disclosure that I am not in the IT field and my review is based on my personal interest on Cryptography.The title caught my attention, but I was hesitant and intimidated to purchase the book because I thought the content would be too complex for me to comprehend. After reading the description and several sample pages from the Kindle version, I went ahead and purchased the book. Needless to say, I believe the book is tailored for those who find the topic of Cryptography of interest and those new in the field of IT and security.At every turn, terminologies were explicitly defined. The author continues to reiterate the importance of these terms through the use of the highlighted Lingo box. I appreciate how a complex subject matter was streamlined into simplistic form that non-IT readers, such as myself can grasp and appreciate. Throughout the book, the author included In My Humble Opinion, an incorporation of his personal and professional views regarding the section discussed. In addition, the inclusion of brief side notes (In Actual Practice), assist the readers to relate the content covered to major historical events and its current application to modern technology. The authorâ ™s choice to include such stories facilitates the reader to appreciate the clear connection between theory and practice.There were a few errors in the book (as mentioned by a previous reviewer), along with the authorâ ™s choice of reusing several exact materials from the first chapter into the second. I found this a little confusing. If selected materials were essential, the author could restate them again in a different way.

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