



Cyber Crime and its Prevention in Easy Steps

Author :	Debtoru Chatterjee
ISBN 13 :	978-93-55380-74-6
ISBN 10 :	93-55380-74-7
E-ISBN 13 :	978-93-55380-74-6
Edition :	First
Pages :	240
Type of book :	Paperback
Weight (g) :	310.00
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 335.00
Categories :	Emerging Technologies, Computer Science Engineering
Condition Type :	New
Country Origin :	India

Product Description

This book has been divided into two parts. The learning outcomes from each are as follows:

PART -1

The reader will gain awareness of how fraudsters:

- acquire one-time passwords via social engineering to commit OTP- based crimes. - exploit vulnerabilities to create false ATMs. - take advantage of poor over-sight mechanisms to remain undetected. - exploit air gaps to manipulate data in transit for fraud.
- mislink accounts in a cross-institutional content to syphon off funds. - launder stolen proceeds. - take advantage of default configurations to gain unauthorized network privileges and how to devise counter-measures to deter such frauds.

PART -2

The Reader will gain awareness of how:

- hackers break into android smartphones to steal OTP and other confidential information - encrypted information to and from your smartphone or computer can be intercepted - the computer can be hacked with or without social-engineering - websites are scanned for vulnerabilities and exploited - enemy computers are targeted in cyber wars - Security Operations Centers function and tactical and policy measures to counter such threats.



Table of Contents

PART-I

Chapter 1: Introduction.

Chapter 2: Hijacking the One-Time Password.

Chapter 3: Confusing the Watchdog.

Chapter 4: Mismatching of Customer Accounts.

Chapter 5: Closing Air- Gaps.

Chapter 6: Two-Factor Authentication of Micro ATM Devices.

Chapter 7: Enforcing Accountability at choke-points.

Chapter 8: Electronic Money Laundering.

Chapter 9: Hardening Default Configurations.

Chapter 10: Fraud in the Call Centre.

PART-II

Chapter 11: Man in the middle attacks on Banking Devices.

Chapter 12: Attack on Android Customer Phones.

Chapter 13: Hacking Windows 10 Personal Computers.

Chapter 14: The Anatomy of Cyber War.

Chapter 15: Inside a Security Operations Centre.

Chapter 16: Towards a National Cyber Security Policy.

Appendix-1

Appendix-2



Author

Debtoru Chatterjee Debtoru Chatterjee, a senior civil servant, has served 11 years in a central police organization, including as an Inspector General, besides a five-year stint as an army Colonel. An honors graduate from Presidency College Calcutta, he holds an M.Sc.(Distinction) in Cyber Forensics and Information Security from the University of Madras; an MBA (IT Systems) (Distinction) from ICFAI; and a Masters in Business Laws from National Law School, Bangalore. Besides being a keen student of Kali Linux and Python, he is the author of Presidential Discretion, a constitutional study.

