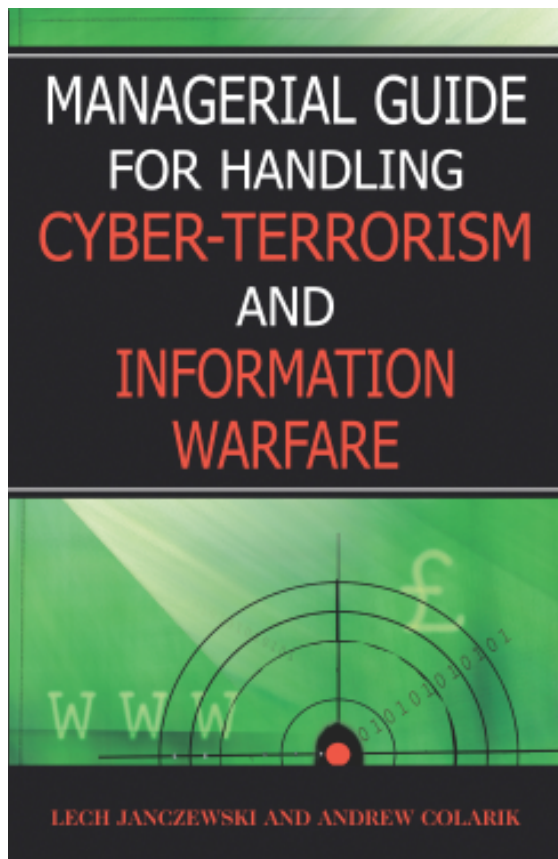


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## Managerial Guide for Handling Cyber-Terrorism and Information Warfare

Authored by:

Lech J. Janczewski & Andrew Colarik

This book presents IT managers with what cyberterrorism and information warfare are and how to handle the problems associated with them. To provide this information, the book is divided into three parts. In the first part, an introduction to information security is presented. Also, an understanding of the processes that has laid the foundations to the information security discipline and has provided the discipline with a structured approach to assess current and future security issues is presented. For the same reasons, the roots of terrorism and how terrorism has planted the seeds of cyberterrorism is also discussed. Cyberterrorism and information warfare has many faces. In the second part of the book, the most probable forms of cyberterrorism and information warfare attacks are presented. The presentation includes the definitions of these attacks, describes how they work and presents the most effective ways to combat these threats from an IT management point of view. The third part of the book defines the organizational security measures that may not be directly related to fighting cyberterrorism but generally decrease an organizations' information system vulnerabilities to all types of attacks.

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# Managerial Guide for Handling Cyber-Terrorism & Information Warfare

## Table of Contents

### Part I: From Information Security to Cyberterrorism

- Chapter 1: Information and Computer Security
- Chapter 2: The Nature of Terrorism
- Chapter 3: Cyberterrorism

### Part 2: Attacks Against Information Technology

- Chapter 4: Physical Security
- Chapter 5: Denial of Service Threat
- Chapter 6: WEB Defacements and Semantic Attacks
- Chapter 7: DNS Attacks
- Chapter 8: Routing Vulnerabilities
- Chapter 9: Identity Stealing Attacks

### Part 3: Handling Information Security Issues

- Chapter 10: Identification, Authentication and Access Control
- Chapter 11: Personnel Security
- Chapter 12: Operations Management
- Chapter 13: Information Security Policy
- Chapter 14: Business Continuity Management

## According to the authors:

- *The book is designated to IT managers and the emphasis is on presenting the security issues from the perspective of these managers.*
- *The security issues are analyzed and solutions offered using the system approach.*
- *All major security threats are supported with examples of real events illustrating these threats.*
- *The book includes a prognosis about the future of cyberterrorism and information warfare.*

## About the Authors

### Dr. Lech J. Janczewski

Dr Janczewski has over thirty five years experience in information technology. He is an Associate Professor at the University of Auckland, Department of Information Science and Operations Management. His area of research includes management of IS resources with the special emphasis on data security. Dr Janczewski has written more than 100 publications that have been presented in scientific journals, conference proceedings and books. He is the chairperson of the New Zealand Information Security Forum and a Fellow of the New Zealand Computer Society.

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