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Soggetti	Computer crimes - Investigation Computer networks - Security measures Computer security Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A comprehensive handbook for investigators, examiners, IT security managers, lawyers, and academia". Includes index.
Nota di contenuto	Cover; Contents; Foreword; Chapter 1: Authentication: Are You Investigating the Right Person?; Introduction; Authentication: What Is It?; An Authentication War Story from 20 Years Ago: The Outside Job; A Second Authentication War Story; Let's Do Something about This Authentication Problem; A Third Authentication War Story; Security Threats in the Future; The Inside Job; A Final Authentication War Story; Key Loggers 101; Some 21st Century Solutions to Authentication; Security Awareness Training; The Rest of the Book; Chapter 2: Digital Forensics: An Overview; Introduction Digital Forensic Principles Digital Environments; Digital Forensic Methodologies; Chapter 3: Working with Other Agencies; Introduction; Building the Relationship; Building Your Package of Information; Don't Shop Your Cases; A Discussion of Agencies; The Big Two: The U.S. Secret Service and the FBI; Other Federal Cyber Crime Investigations Agencies; Chapter 4: Developing an Enterprise Digital Investigative/ Electronic Discovery Capability; Introduction; Identifying Requirements

for an Enterprise Digital Investigative/ Electronic Discovery Capability  
Administrative Considerations for an Enterprise Digital  
Investigative/Electronic Discovery CapabilityIdentifying Resources  
(Software/Hardware/Facility) for Your Team; Chapter 5: Forensic  
Examination in a Terabyte World; Introduction; Volume Challenges;  
Network and Hardware Challenges; Future Digital Forensic Solutions;  
The FTK 2.x Model; Chapter 6: Selecting Equipment for a Computer  
Forensic Laboratory; Introduction; Forensic Workstations for the  
Laboratory; Forensic Workstations for the Mobile or Field Laboratory;  
Hardware Write-Protection Devices; Data Storage; Miscellaneous Items  
Chapter 7: Integrating a Quality Management System in a Digital  
Forensic LaboratoryIntroduction; Quality Planning, Quality Reviews, and  
Continuous Quality Improvement; Other Challenges: Ownership,  
Responsibility, and Authority; Chapter 8: Balancing E-discovery  
Challenges with Legal and IT Requirements; Introduction; Drivers of E-  
discovery Engineering; Locations, Forms, and Preservation of  
Electronically Stored Information; Legal and IT Team Considerations for  
Electronic Discovery; Are You Litigation Ready?; E-discovery Tools;  
Chapter 9: E-mail Forensics; Introduction; Where to Start  
Forensic AcquisitionProcessing Local Mail Archives; Chapter 10: Murder  
and Money: The Story of Standards, Accreditation, and Certification in  
Computer Forensics; Introduction; Standards; Accreditation;  
Certification; Rough Beginnings; Money to the Rescue; Standards and  
Computer Forensics; Certification Options for the Digital Evidence  
Analyst; Another Standards Option; Chapter 11: Starting a Career in the  
Field of Techno Forensics; Introduction; Occupations; Professional  
Organizations; Professional Certifications; Degree Programs  
Appendix A: Death by a Thousand Cuts By Johnny Long with Anthony  
Kokocinski

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#### Sommario/riassunto

This book provides IT security professionals with the information (hardware, software, and procedural requirements) needed to create, manage and sustain a digital forensics lab and investigative team that can accurately and effectively analyze forensic data and recover digital evidence, while preserving the integrity of the electronic evidence for discovery and trial.IDC estimates that the U.S. market for computer forensics will be grow from 252 million in 2004 to 630 million by 2009. Business is strong outside the United States, as well. By 2011, the estimated international market w

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