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Titolo	Cyber and Digital Forensic Investigations : A Law Enforcement Practitioner's Perspective // edited by Nhien-An Le-Khac, Kim-Kwang Raymond Choo
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ISBN	3-030-47131-4
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (287 pages) : illustrations
Collana	Studies in Big Data, , 2197-6503 ; ; 74
Disciplina	973.933092
Soggetti	Engineering—Data processing Computer engineering Internet of things Embedded computer systems Computational intelligence Big data Data Engineering Cyber-physical systems, IoT Computational Intelligence Big Data
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	The increasing importance of digital forensics and investigations in law enforcement, government and commercial sectors -- Defending IoT devices from Malware -- Digital Forensic Investigation of Internet of Thing Devices: A Proposed Model and Case Studies -- Forensic Investigation of Ransomware Activities -- CCTV Forensics in the Big Data era: Challenges and Approaches -- Forensic Investigation of PayPal accounts -- Digital Forensic Approaches for Cloud Service Models: A Survey -- Long Term Evolution Network Security and Real-time Data Ex-traction -- Towards an automated process to categorise Tor's Hidden Services.
Sommario/riassunto	Understanding the latest capabilities in the cyber threat landscape as well as the cyber forensic challenges and approaches is the best way

users and organizations can prepare for potential negative events. Adopting an experiential learning approach, this book describes how cyber forensics researchers, educators and practitioners can keep pace with technological advances, and acquire the essential knowledge and skills, ranging from IoT forensics, malware analysis, and CCTV and cloud forensics to network forensics and financial investigations. Given the growing importance of incident response and cyber forensics in our digitalized society, this book will be of interest and relevance to researchers, educators and practitioners in the field, as well as students wanting to learn about cyber forensics.
