1. Record Nr. UNINA9910561297103321 Autore Moreb Mohammed Titolo Practical forensic analysis of artifacts on iOS and Android devices: investigating complex mobile devices / / Mohammed Moreb New York, NY:,: Apress,, [2022] Pubbl/distr/stampa ©2022 **ISBN** 1-4842-8026-1 Edizione [[First edition].] Descrizione fisica 1 online resource (537 pages) : color illustrations Disciplina 363.25968 Soggetti Mobile device forensics Smartphones Digital forensic science Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Chapter 1: Introduction to Mobile Forensic Analysis -- Chapter 2: Introduction to IOS Forensics -- Chapter 3: Introduction to Android Forensics -- Chapter 4: Forensic Investigations of Popular Applications on Android and iOS platforms -- Chapter 5: Forensic Analysis of Telegram Messenger on iOS and Android Smartphones Case Study --Chapter 6: Detecting Privacy Leaks Utilizing Digital Forensics and Reverse Engineering Methodologies. Chapter 7: Impact of Device Jailbreaking or Rooting on User Data Integrity in Mobile Forensics --Chapter 8: The Impact of Cryptocurrency Mining on Mobile Devices --Chapter 9: Mobile Forensic Investigation for WhatsApp -- Chapter 10: Cloud Computing Forensics: Dropbox Case Study -- Chapter 11: Malware Forensics for Volatile and nonVolatile Memory in Mobile Devices -- Chapter 12: Mobile Forensic for KeyLogger Artifact --Chapter 13: Evidence Identification Methods for Android and iOS Mobile Devices with Facebook Messenger -- Chapter 14: Mobile Forensics for IOS and Android platforms: Chrome app artifacts depending on SQLite. Chapter 1: Introduction to Mobile Forensic Analysis Chapter 2: Sommario/riassunto Introduction to IOS Forensics Chapter 3: Introduction to Android

Forensics Chapter 4: Forensic Investigations of Popular Applications on Android and iOS platforms Chapter 5: Forensic Analysis of Telegram

Messenger on iOS and Android Smartphones Case Study Chapter 6: Detecting Privacy Leaks Utilizing Digital Forensics and Reverse Engineering Methodologies. Chapter 7: Impact of Device Jailbreaking or Rooting on User Data Integrity in Mobile Forensics Chapter 8: The Impact of Cryptocurrency Mining on Mobile Devices Chapter 9: Mobile Forensic Investigation for WhatsApp Chapter 10: Cloud Computing Forensics: Dropbox Case Study Chapter 11: Malware Forensics for Volatile and non Volatile Memory in Mobile Devices Chapter 12: Mobile Forensic for Key Logger Artifact Chapter 13: Evidence Identification Methods for Android and iOS Mobile Devices with Facebook Messenger Chapter 14: Mobile Forensics for IOS and Android platforms: Chrome app artifacts depending on SQLite Leverage foundational concepts and practical skills in mobile device forensics to perform forensically sound criminal investigations involving the most complex mobile devices currently available on the market. Using modern tools and techniques, this book shows you how

to conduct a structured investigation process to determine the nature of the crime and to produce results that are useful in criminal proceedings.