



# Advances in Digital Forensics XII [ 12th IFIP WG 11.9 International Conference, New Delhi, January 4-6, 2016, Revised Selected Papers /

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Springer International Publishing :

Imprint: Springer,

2016

Monografía

ADVANCES IN DIGITAL FORENSICS XII Edited by: Gilbert Peterson and Sujeet Shenoi Digital forensics deals with the acquisition, preservation, examination, analysis and presentation of electronic evidence. Networked computing, wireless communications and portable electronic devices have expanded the role of digital forensics beyond traditional computer crime investigations. Practically every crime now involves some aspect of digital evidence; digital forensics provides the techniques and tools to articulate this evidence. Digital forensics also has myriad intelligence applications. Furthermore, it has a vital role in information assurance -- investigations of security breaches yield valuable information that can be used to design more secure systems. Advances in Digital Forensics XII describes original research results and innovative applications in the discipline of digital forensics. In addition, it highlights some of the major technical and legal issues related to digital evidence and electronic crime investigations. The areas of coverage include: Themes and Issues Mobile Device Forensics Network Forensics Cloud Forensics Social Media Forensics Image Forensics Forensic Techniques Forensic Tools This book is the twelfth volume in the annual series produced by the International Federation for Information Processing (IFIP) Working Group 11.9 on Digital Forensics, an international community of scientists, engineers and practitioners dedicated to advancing the state of the art of research and practice in digital forensics. The book contains a selection of twenty edited papers from the Twelfth Annual IFIP WG 11.9 International Conference on Digital Forensics, held in New Delhi, India in the winter of 2016. Advances in Digital Forensics XII is an important resource for researchers, faculty members and graduate students, as well as for practitioners and individuals engaged in research and development efforts for the law enforcement and intelligence communities. Gilbert Peterson, Chair, IFIP WG 11.9 on Digital Forensics, is a Professor of Computer Engineering at the Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, USA. Sujeet Shenoi is the F.P. Walter Professor of Computer Science and a Professor of Chemical Engineering at the University of Tulsa, Tulsa, Oklahoma, USA

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**Título:** Advances in Digital Forensics XII Recurso electrónico] 12th IFIP WG 11.9 International Conference, New Delhi, January 4-6, 2016, Revised Selected Papers edited by Gilbert Peterson, Sujeet Shenoj

**Editorial:** Cham Springer International Publishing Imprint: Springer 2016

**Descripción física:** 1 online resource (XVIII, 396 p. 99 illus.) online resource

**Mención de serie:** IFIP Advances in Information and Communication Technology 1868-4238 484

**Documento fuente:** Springer eBooks

**Restricciones de acceso:** Acceso restringido a usuarios UCM = For UCM patrons only

**ISBN:** 9783319462790 9783319462783 print)

**Autores:** Peterson, Gilbert Shenoj, Sujeet

**Entidades:** SpringerLink (Online service)

**Enlace a formato físico adicional:** Printed edition 9783319462783

**Punto acceso adicional serie-Título:** IFIP Advances in Information and Communication Technology 1868-4238 484

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