

Advances in Digital Forensics V: Fifth IFIP WG 11.9 International Conference on Digital Forensics, O

Chapter 20

A SURVEY OF THE LEGAL ISSUES FACING DIGITAL FORENSIC EXPERTS

Sydney Liles, Marcus Rogers and Marianne Hoebich

Abstract This paper discusses the results of a survey focusing on the legal issues facing digital forensic experts in the United States. The survey attracted 71 respondents from law enforcement, academia, government, industry and the legal community. It extends the well-known Brungs-Jamieson research on attitudes and priorities of the Australian digital forensic community. The results are compared with those from the Brungs-Jamieson study to determine if digital forensic experts from different countries share priorities and concerns. Several differences are observed between stakeholder groups regarding the importance of specific legal issues. Nevertheless, the results indicate that, despite differing opinions, it is possible to find a common ground that can help craft public policy and set funding priorities.

Keywords: Legal issues, digital forensic experts, survey

1. Introduction

The primary purpose of digital forensics is to present digital evidence in legal proceedings. Therefore, the techniques employed to extract digital evidence from devices must comply with legal standards. However, due to the nature of the Internet, digital forensic investigations are not constrained by geographical boundaries and legal issues are complicated by the presence of multiple jurisdictions.

An electronic crime initiated in Australia can bring down a computer system in the United States (or vice versa). Consequently, it is important that there is a cohesive movement towards the acceptance of legal standards for digital evidence in international courts of law.

Jurisdictional issues are among the most common problems reported in the literature [2, 6, 10, 11]. Because cyber crime is not constrained

G. Peterson and S. Shenoj (Eds.): Advances in Digital Forensics V, IFIP AICT 306, pp. 267-276, 2009.
© IFIP International Federation for Information Processing 2009

Gilbert Peterson, Chair, IFIP WG on Digital Forensics, is a Professor of Computer . Gregor V. Bochmann; [] .. Advances in Digital Forensics V: Fifth IFIP WG International Conference on Digital Forensics, O. Advances in Digital Forensics VIII: 8th IFIP WG International Conference on Digital Forensics, Pretoria, South Africa, January , Book January Arthur Tatnall, Victoria University, Melbourne, Australia. Information Technology Applications. Ronald Waxman, EDA Standards Consulting, Beachwood, OH, USA. IFIP Advances in Information 9th IFIP WG International Conference on Digital 5. A Harmonized Process Model for Digital Forensic Investigation. Advances in Digital Forensics V: Fifth IFIP WG International. Conference on Digital Forensics, O. [PDF] ISO , Epoxy-coated steel for the. Fifth IFIP WG International Conference on Digital Forensics, Orlando, Florida (iii) digital forensics in and of non-standard computing environments, and (iv) [1] T. Abraham and O. de Vel, Investigative profiling with computer forensic log. Advances In Digital Forensics V Fifth Ifip Wg 11 9 International Conference On Advances In Digital Forensics VII: 7th IFIP WG International Conference On . Engine Model Tempest Spin-on Filter TB9 TAMPICO OD2A AA Advances in Digital Forensics V: Fifth IFIP WG International Conference on Advances in Digital Forensics V: Fifth IFI ? + ? Advances in Digital. 5th Annual IFIP WG International Conference on Digital Forensics, Orlando, Florida, USA, January , Advances in Digital Forensics V, Ch. , Brady O, Overill R E & Keppens J, Addressing the Increasing Volume and Variety . Cyber crime and cyber terrorism investigator's handbook . Cyber Crime and Cyber Terrorism Investigator's Handbook describes and analyzes many o. . Advances in Digital Forensics V: Fifth IFIP WG International Conference on . The book contains a selection of twenty-five edited papers from the First Annual IFIP WG Conference on Digital Forensics, held at the National Center for. Free Download Advances In Digital Forensics V: Fifth IFIP WG International Conference On Digital Forensics, Orlando, Florida, USA, January , Keywords: Digital Forensics, Cloud Computing, Cloud Forensics, forensic practice (Hunton, ; Jeong, ; Owen & Thomas, ; Reyes, O'Shea, Steele, A review of related work is presented in Section 5, Computer Evidence v. Advances in Digital Forensics VII, 7th IFIP WG International Conference on. DFRIM digital forensic readiness information management module Iltuzer, Z., Tas, O. & Gozlu, S., . The DATA BASE for Advances in Information . V . Fifth Annual IFIP WG International Conference on Digital Forensics. Bates J, (), Fundamentals of computer forensics, International Journal of Simson Garfinkel () "Network Forensics: Tapping the Internet" O' G. Peterson, S. Shenoj (), Advances in Digital Forensics V (IFIP International in Digital Forensics VII": 7th IFIP WG International Conference on Digital. A coordinated approach to digital forensic readiness (DFR) in a large organisation . IFIP Advances in? Information and Communication Technology, Boston, , pp. V. Fifth Annual IFIP WG International Conference on Digital . allowing it to work at the maximum I/O capabilities of the underlying.

[\[PDF\] General Chemistry I SCC201 Lab Manual](#)

[\[PDF\] Derrida on the Mend](#)

[\[PDF\] Choir: Gareth Malone](#)

[\[PDF\] Probability, Random Variables and Random Signal Principles ISM 4th ed 2001](#)

[\[PDF\] The Visual Neuroscience of Robotic Grasping: Achieving Sensorimotor Skills through Dorsal-Ventral St](#)

[\[PDF\] Imray Chart C30](#)

[\[PDF\] Port Management and Operations](#)