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~~Windows Logon Forensics Sans Insute~~

Today, fingerprints are used

not only for forensic investigation ... Fujitsu is selling peripherals such as the PalmSecure PC Login Kit with functional mouse, which authenticates users' identity ...

~~Will biometrics measure up to the future?~~

Ah, CSI. What other television show could present digital forensics with such two-bit dialogue? It’s time once again to put on your hacker hats – a red fedora, we guess – and tell us the wo ...

~~Ask Hackaday: Hacking Lingo Fails~~

Kaseya has released a

security update for the VSA zero-day vulnerabilities used by the REvil ransomware gang to attack MSPs and their customers. Kaseya VSA is a remote management and monitoring ...

~~Kaseya patches VSA vulnerabilities used in REvil ransomware attack~~

While some of the carriers interviewed for the report touted their pre and post-incident services — like forensic analysis ... security trends at the SANS Institute, in May.

~~Scant evidence that cyber insurance boom is leading to better security~~

Microsoft is bringing Android apps to Windows 11 via the Amazon Appstore. (Image: Microsoft) Windows is my desktop operating system. It's what I've been using all my life. I feel just as ...

~~Android Apps on Windows 11 Could Bring Apple's Seamlessness to the PC~~

A press release issued by the Netherlands Forensic Institute in April 2021 claimed French cyber experts were able to "read messages on the EncroChat server". The defence theory has parallels ...

~~EncroChat investigators had~~

~~access to decryption 'master key', claim lawyers~~

It's about time Microsoft introduced something new, and we're pretty sure that what's on the way is a new version of Windows. Specifically, we expect to see Windows 11, because Windows 10X ...

~~What to Expect From Microsoft's Windows 11 Event~~

There might be some forensic evidence that the police might pursue. "Occasionally, but less so over time, there might be a flaw in the malware or its deployment that we can make the most of.

Ransomware most insidious cyber threat facing UK

LabRoots is pleased to announce our 4th Forensic Sciences Virtual Event on May 4, 2022. Join us for this free, one-day event on May 4th as we discuss DNA, chemistry, toxicology, digital forensics, and ...

Forensic Sciences 2022

November 20 is honored in many parts of Brazil as Black Awareness Day. Brazilians like to think of their country as a harmonious 'racial democracy' More than 1,000 demonstrators attacked a ...

Protests in main Brazilian

~~cities as security guards beat to death a black man at a Carrefour supermarket~~

Apple locks things, but if someone wants to find a way to get into these devices, they will find a way," said Sarah Edwards, a digital forensics instructor with the SANS Institute, an organization ...

~~As Justice Department Pressures Apple, Investigators Say iPhone Easier to Crack~~

South Korea's 'Korea Atomic Energy Research Institute' disclosed yesterday that their internal networks were hacked last month by North Korean threat actors using a

VPN vulnerability. The Korea ...

~~South Korea's Nuclear Research agency hacked using VPN flaw~~

Indian Veterinary Research Institute (IVRI) Bareilly, UP and State Forensic Science Laboratory, Sagar MP," said a report by PTR. Two days after the death of the mother, the cubs were located by ...

~~In rare behaviour, male tiger cares for cubs after mother's death~~

Retrofitting Le Lignon has been a huge task of forensic detail, negotiating a multitude of tight ... led

to an academic study of Le Lignon by the Lausanne Federal Institute of Technology's Laboratoire ...

~~'Invisible' 11-year retrofit of huge Geneva housing estate nears completion~~

Choksi and Choksi was appointed by SEBI to carry out a forensic audit of the six schemes ... Ananth Narayan, Professor of Finance at S.P. Jain Institute of Management and Research, says there ...

~~Franklin Templeton Case: How to make mutual fund trustees more accountable~~

You have successfully cast your vote Login to ...

Royana Singh, Institute of Medical Sciences, BHU; Dr Gazi Sultana from Dhaka University, Bangladesh; Dr Pankaj Shrivastava, Forensic Science ...

~~International study including experts from BHU contradict western theory on susceptibility of Covid infection~~

Forensic engineers will need to examine the ... a coauthor of the study and professor with Florida International University's Institute of Environment. "If everything moves downward at the same ...

Windows Forensic Analysis DVD Toolkit, 2nd Edition, is a completely updated and expanded version of Harlan Carvey's best-selling forensics book on incident response and investigating cybercrime on Windows systems. With this book, you will learn how to analyze data during live and post-mortem investigations. New to this edition is Forensic Analysis on a Budget, which collects freely available tools that are essential for small labs, state (or below) law enforcement, and educational organizations. The book also includes new pedagogical elements, Lessons from the Field, Case

Studies, and War Stories that present real-life experiences by an expert in the trenches, making the material real and showing the why behind the how. The companion DVD contains significant, and unique, materials (movies, spreadsheet, code, etc.) not available anyplace else because they were created by the author. This book will appeal to digital forensic investigators, IT security professionals, engineers, and system administrators as well as students and consultants. Best-Selling Windows Digital Forensic book completely updated in this 2nd Edition Learn how

to Analyze Data During Live and Post-Mortem Investigations DVD Includes Custom Tools, Updated Code, Movies, and Spreadsheets!

Incident response is critical for the active defense of any network, and incident responders need up-to-date, immediately applicable techniques with which to engage the adversary. Applied Incident Response details effective ways to respond to advanced attacks against local and remote network resources, providing proven response techniques and a framework through which to apply them. As a starting point for new

incident handlers, or as a technical reference for hardened IR veterans, this book details the latest techniques for responding to threats against your network, including: Preparing your environment for effective incident response Leveraging MITRE ATT&CK and threat intelligence for active network defense Local and remote triage of systems using PowerShell, WMIC, and open-source tools Acquiring RAM and disk images locally and remotely Analyzing RAM with Volatility and Rekall Deep-dive forensic analysis of system drives using open-source or commercial tools

Leveraging Security Onion and Elastic Stack for network security monitoring Techniques for log analysis and aggregating high-value logs Static and dynamic analysis of malware with YARA rules, FLARE VM, and Cuckoo Sandbox Detecting and responding to lateral movement techniques, including pass-the-hash, pass-the-ticket, Kerberoasting, malicious use of PowerShell, and many more Effective threat hunting techniques Adversary emulation with Atomic Red Team Improving preventive and detective controls

Windows Registry Forensics

provides the background of the Windows Registry to help develop an understanding of the binary structure of Registry hive files. Approaches to live response and analysis are included, and tools and techniques for postmortem analysis are discussed at length. Tools and techniques are presented that take the student and analyst beyond the current use of viewers and into real analysis of data contained in the Registry, demonstrating the forensic value of the Registry. Named a 2011 Best Digital Forensics Book by InfoSec Reviews, this book is packed with real-world examples

using freely available open source tools. It also includes case studies and a CD containing code and author-created tools discussed in the book. This book will appeal to computer forensic and incident response professionals, including federal government and commercial/private sector contractors, consultants, etc. Named a 2011 Best Digital Forensics Book by InfoSec Reviews Packed with real-world examples using freely available open source tools Deep explanation and understanding of the Windows Registry – the most difficult part of Windows to

analyze forensically Includes a CD containing code and author-created tools discussed in the book

To reduce the risk of digital forensic evidence being called into question in judicial proceedings, it is important to have a rigorous methodology and set of procedures for conducting digital forensic investigations and examinations. Digital forensic investigation in the cloud computing environment, however, is in infancy due to the comparatively recent prevalence of cloud computing. Cloud Storage

Forensics presents the first evidence-based cloud forensic framework. Using three popular cloud storage services and one private cloud storage service as case studies, the authors show you how their framework can be used to undertake research into the data remnants on both cloud storage servers and client devices when a user undertakes a variety of methods to store, upload, and access data in the cloud. By determining the data remnants on client devices, you gain a better understanding of the types of terrestrial artifacts that are likely to remain at

the Identification stage of an investigation. Once it is determined that a cloud storage service account has potential evidence of relevance to an investigation, you can communicate this to legal liaison points within service providers to enable them to respond and secure evidence in a timely manner. Learn to use the methodology and tools from the first evidenced-based cloud forensic framework Case studies provide detailed tools for analysis of cloud storage devices using popular cloud storage services Includes coverage of the legal implications of

cloud storage forensic investigations Discussion of the future evolution of cloud storage and its impact on digital forensics

A practical guide to deploying digital forensic techniques in response to cyber security incidents About This Book Learn incident response fundamentals and create an effective incident response framework Master forensics investigation utilizing digital investigative techniques Contains real-life scenarios that effectively use threat intelligence and modeling techniques Who This Book Is

For This book is targeted at Information Security professionals, forensics practitioners, and students with knowledge and experience in the use of software applications and basic command-line experience. It will also help professionals who are new to the incident response/digital forensics role within their organization. What You Will Learn Create and deploy incident response capabilities within your organization Build a solid foundation for acquiring and handling suitable evidence for later analysis Analyze collected evidence and

determine the root cause of a security incident Learn to integrate digital forensic techniques and procedures into the overall incident response process Integrate threat intelligence in digital evidence analysis Prepare written documentation for use internally or with external parties such as regulators or law enforcement agencies In Detail Digital Forensics and Incident Response will guide you through the entire spectrum of tasks associated with incident response, starting with preparatory activities associated with creating an incident response plan and creating a

digital forensics capability within your own organization. You will then begin a detailed examination of digital forensic techniques including acquiring evidence, examining volatile memory, hard drive assessment, and network-based evidence. You will also explore the role that threat intelligence plays in the incident response process. Finally, a detailed section on preparing reports will help you prepare a written report for use either internally or in a courtroom. By the end of the book, you will have mastered forensic techniques and incident response and

you will have a solid foundation on which to increase your ability to investigate such incidents in your organization. Style and approach The book covers practical scenarios and examples in an enterprise setting to give you an understanding of how digital forensics integrates with the overall response to cyber security incidents. You will also learn the proper use of tools and techniques to investigate common cyber security incidents such as malware infestation, memory analysis, disk analysis, and network analysis.

An authoritative guide to investigating high-technologycrimes Internet crime is seemingly ever on the rise, making the needfor a comprehensive resource on how to investigate these crimeseven more dire. This professional-level book--aimed at lawenforcement personnel, prosecutors, and corporatein vestigators--provides you with the training you need in order toacquire the sophisticated skills and software solutions to stay onestep ahead of computer criminals. Specifies the techniques needed to investigate, analyze, anddocument a criminal act

on a Windows computer or network Places a special emphasis on how to thoroughly investigatecriminal activity and now just perform the initial response Walks you through ways to present technically complicatedmaterial in simple terms that will hold up in court Features content fully updated for Windows Server 2008 R2 andWindows 7 Covers the emerging field of Windows Mobile forensics Also included is a classroom support package to ensure academicadoption, Mastering Windows Network Forensics and Investigation,2nd Edition offers help for

investigating high-technologycrimes.

Ten Strategies of a World-Class Cyber Security Operations Center conveys MITRE's accumulated expertise on enterprise-grade computer network defense. It covers ten key qualities of leading Cyber Security Operations Centers (CSOCs), ranging from their structure and organization, to processes that best enable smooth operations, to approaches that extract maximum value from key CSOC technology investments. This book offers perspective and context for key decision points in structuring a

CSOC, such as what capabilities to offer, how to architect large-scale data collection and analysis, and how to prepare the CSOC team for agile, threat-based response. If you manage, work in, or are standing up a CSOC, this book is for you. It is also available on MITRE's website, www.mitre.org.

Updated with the latest advances from the field, GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS, Fifth Edition combines all-encompassing topic coverage and authoritative information from seasoned experts to deliver the most

comprehensive forensics resource available. This proven author team's wide ranging areas of expertise mirror the breadth of coverage provided in the book, which focuses on techniques and practices for gathering and analyzing evidence used to solve crimes involving computers. Providing clear instruction on the tools and techniques of the trade, it introduces readers to every step of the computer forensics investigation-from lab set-up to testifying in court. It also details step-by-step guidance on how to use current forensics software. Appropriate for learners new

to the field, it is also an excellent refresher and technology update for professionals in law enforcement, investigations, or computer security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Dissecting the dark side of the Internet with its infectious worms, botnets, rootkits, and Trojan horse programs (known as malware) is a treaterous condition for any forensic investigator or analyst. Written by information

security experts with real-world investigative experience, Malware Forensics Field Guide for Windows Systems is a "tool" with checklists for specific tasks, case studies of difficult situations, and expert analyst tips. *A condensed hand-held guide complete with on-the-job tasks and checklists *Specific for Windows-based systems, the largest running OS in the world *Authors are world-renowned leaders in investigating and analyzing malicious code

This book constitutes the refereed proceedings of two workshops held at the 13th

International Conference on Security and Privacy in Communications Networks, SecureComm 2017, held in Niagara Falls, ON, Canada, in October 2017: the 5th International Workshop on Applications and Techniques in Cyber Security, ATCS 2017, and the First Workshop on Security and Privacy in the Internet Of Things, SePrIoT 2017.The 22 revised regular papers were carefully reviewed and selected from 105 submissions. The topics range from access control; language-based security; malicious software; network security; cloud security; software security; operating

system security; privacy protection, database security, security models; and many more.The SePrIoT workshop targets to address novel approaches in security and privacy. The papers focuse, amongst others, on novel models, techniques, protocols, algorithms, or architectures.