

Windows Data Recovery Techniques (Computer Repair Professionals)

Discover the tools and techniques of mobile forensic investigations and make sure your mobile autopsy doesn't miss a thing, all through powerful practical recipes About This Book Acquire in-depth knowledge of mobile device acquisition using modern forensic tools Understand the importance of clouds for mobile forensics and learn how to extract data from them Discover advanced data extraction techniques that will help you to solve forensic tasks and challenges Who This Book Is For This book is aimed at practicing digital forensics analysts and information security professionals familiar with performing basic forensic investigations on mobile device operating systems namely Android, iOS, Windows, and Blackberry. It's also for those who need to broaden their skillset by adding more data extraction and recovery techniques. What You Will Learn Retrieve mobile data using modern forensic tools Work with Oxygen Forensics for Android devices acquisition Perform a deep dive analysis of iOS, Android, Windows, and BlackBerry Phone file systems Understand the importance of cloud in mobile forensics and extract data from the cloud using different tools Learn the application of SQLite and Plists Forensics and parse data with digital forensics tools Perform forensic investigation on iOS, Android, Windows, and BlackBerry mobile devices Extract data both from working and damaged mobile devices using JTAG and Chip-off Techniques In Detail Considering the emerging use of mobile phones, there is a growing need for mobile forensics. Mobile forensics focuses specifically on performing forensic examinations of mobile devices, which involves extracting, recovering and analyzing data for the purposes of information security, criminal and civil investigations, and internal investigations. Mobile Forensics Cookbook starts by explaining SIM cards acquisition and analysis using modern forensic tools. You will discover the different software solutions that enable digital forensic examiners to quickly and easily acquire forensic images. You will also learn about forensics analysis and acquisition on Android, iOS, Windows Mobile, and BlackBerry devices. Next, you will understand the importance of cloud computing in the world of mobile forensics and understand different techniques available to extract data from the cloud. Going through the fundamentals of SQLite and Plists Forensics, you will learn how to extract forensic artifacts from these sources with appropriate tools. By the end of this book, you will be well versed with the advanced mobile forensics techniques that will help you perform the complete forensic acquisition and analysis of user data stored in different devices. Style and approach This book delivers a series of extra techniques and methods for extracting and analyzing data from your Android, iOS, Windows, and Blackberry devices. Using practical recipes, you will be introduced to a lot of modern forensics tools for performing effective mobile forensics.

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Buku ini men-share pengetahuan yang bisa menjadikan Anda seorang ahli sehingga mampu menjaga, melindungi, dan menyelamatkan data dari berbagai macam ancaman. Termasuk di dalamnya bagaimana melindungi hard disk, menganalisa kemampuan dan katahannya, serta memprediksi kapan `umur` dari hard disk. Juga dibahas tentang pentingnya melindungi data, cara menemukan data yang hilang, dan teknik penyimpanan data yang benar. Proses recovery yang diberikan juga sangat profesional sehingga dapat menghemat waktu pencarian serta mengatasi berbagai masalah pasca recovery. Beberapa tindakan profesional tersebut diantaranya adalah: 1. Mengakses media penyimpanan data serta membuka file data yang terinfeksi virus dengan aman. 2. Teknik pengamanan data dengan enam teknologi, yaitu SMART technology, SPS (Shake Protection System), DFT (Drive Fitness Test), SAN (Storage Area Network), NAS (Network Attached Storage), Floppy Disk Array Technology, dan Backup. 3. Cara mengatasi akibat kehilangan data melalui pendekatan hardware dan software. 4. Partition Table Doctor, software powerful untuk mengembalikan partisi dan kapasitas hard disk yang hilang, dan dapat mengambil kembali data-data di dalamnya secara utuh. 5. Data Recovery Wizard Professional, tool yang dapat mengambil kembali semua jenis file data yang terhapus dari memory handphone, PC, atau notebook hanya dalam beberapa detik saja. Editor's Note: Cara mengatasi akibat kehilangan data secara sengaja atau tidak disengaja Teknologi teknik pengamanan data terkini Mengakses media penyimpanan data dengan aman walau terdapat virus di dalamnya Cara mengembalikan partisi yang hilang dan mengembalikan data di dalamnya utuh Cara mengembalikan semua data yang terhapus hanya dalam beberapa detik saja.

Using a step-by-step, highly visual approach, Andrews/Dark Shelton/Pierce's bestselling COMPTIA A+ GUIDE TO IT TECHNICAL SUPPORT, 11th edition, teaches you how to work with users as well as install, maintain, troubleshoot and network computer hardware and software. Ensuring you are well prepared for 220-1101 and 220-1102 certification exams, each module covers core and advanced topics while emphasizing practical application of the most current technology, techniques and industry standards. You will study the latest hardware, security, Active Directory, operational procedures, basics of scripting, virtualization, cloud computing, mobile devices, Windows 10, macOS and Linux. The text provides thorough preparation for the certification exam -- and your future success as an IT support technician or administrator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Forensically investigate and analyze iOS, Android, and Windows 10 devices, 4th Edition

Windows Operating System Fundamentals

Digital Privacy and Security Using Windows

A Practical Guide

Foundation of Information Technology

File Data RecoveryPC Hard Drive Data Recovery, USB Data Recovery, Mac Data Recovery, Android Data Recovery, Data Recovery ServicesCreateSpace

This comprehensive manual covers three areas in which system administrators must be proficient to successfully recover data: the structure and operating principles of the most popular file systems, automatic data recovery techniques, and manual recovery techniques used in cases of total data destruction. Data recovery from hard drives and optical storage in Windows, BSD, and Linux file systems is described, as are automatic recovery utilities, manual and automatic recovery of deleted files on ext2/ext3 partitions and NTFS partitions, formatted NTFS partitions and deleted UFS/FFS files, RAID data recovery, media restoration with physical damage, and data loss prevention.

This book presents a general introduction to the computational aspects of forensic science, covering the different tools needed for forensic investigations, the importance of forensics and biometrics, and the use of Benford's law for biometrics and network traffic analysis. It specifically focuses on the application of these techniques in Africa, and how they can be of benefit in the investigation of crime in Nigeria in particular.

Data loss can be happened either human made cause or system failure. If we know the reasons of data loss, we can reduce our data loss. In this section

of this book, I'll introduce you with most common reason of data loss. After reading this book, you will be able to take necessary steps to protect your data from loss & recover it. What You'll Get Inside: Data Loss Reason of Data Loss 1) System Failure Prevention 2) Human Errors 3) Software Corruption 4) Computer viruses and Malware 5) Natural Disasters What is Data Recovery? How Data Recovery Process Work File Data Recovery for Hard Drive How you can determine a Physical Hard Drive Failure When you will have to Recover Hard Drive Recovering Hard Drive Deleted File Recovery [Windows] Formatted Drive Recovery RAW Recovery Recovering Files on Partition is lost File/Data Recovery for unreachable partition File Recovery in case all the Partitions are lost File Data Recovery for Mac Introduction to MAC Undelete files on MAC Recovering deleted file from Trash Why deleted data is recoverable File recovery in MAC Hard Drive Data Recovery for MAC Lost Partition Recovery in MAC Recovering Data from Lost Partition File Data Recovery for USB What is USB Flash Drive Reason of losing files from USB Flash Drive Recovering File from Formatted USB Drive Recovering Lost Data from Pen Drive Reasons of File/Data Loss on Pen Drive Recovering Pen Drive Data (Using EaseUs Data Recovery Software) File Data Recovery for Memory Card & SD Card Reasons and Solutions of Data Loss File Data Recovery for Android Reason of Data Loss on Android Recovering Lost Data File Data Recovery For iPhone Reason of Data Losing on I-Phone Recovering iPhone Data Process 1 [Restoring data directly from iPhone] Process 2 [Restoring data from iTunes Backup] Process 3 [Restoring data from iCloud Backup] Data Recovery Software's Data Recovery Software for PC 1. Recuva 2. Pandora Recovery 3. Puran File Recovery 4. Glary Undelete 5. SoftPerfect File Recovery 6. EaseUS Data Recovery Wizard 7. Wise Data Recovery 8. Restoration 9. Free Undelete 10. ADRC Data Recovery Tools Data Recovery Software for Android 1. Android Data Recovery 2 Data Recovery for Android 3. iCare Recovery 4. Data Recovery from Google Store 5. MyJad Android Data Recovery Take a Sneak Peak Inside (page 12): "Mac is the one of the most favorite operating system to users. It is introduced by Apple Inc. From the very beginning of the release Mac has won users mind. The developer of Mac has worked to give maximum protection to their user's data. However, like windows Mac users also face problem of data losing. Reason of data losing is same as data losing on Windows. Now I am going to describe how you can recover files on MAC using a small software called "EaseUs Data Recovery." It allows users to quickly get deleted, damaged or formatted data."

Forensic Science, Computers and the Internet

Information Security Management Handbook, Fifth Edition

A Practical Approach to Investigation and Defense

PC Hard Drive Data Recovery, USB Data Recovery, Mac Data Recovery, Android Data Recovery, Data Recovery Services

Design and Implementation

"This unique book delves down into the capabilities of hiding and obscuring data object within the Windows Operating System. However, one of the most noticeable and valuable publication is, it takes the reader from the very basics and background of data hiding techniques, and run's on the reading-road to arrive at some of the more complex techniques for concealing data object from the human eye and/or the investigation. As a practitioner in the Digital Age, I can see this book sitting on the shelves of Cyber Security professionals working in the world of Digital Forensics - it is a recommended read, and is in my opinion a very valuable asset to those who are interested in the landscape of unknown data which may well help to discover more about that which is not in immediate view of the onlooker, and open up the mind to expand its imagination beyond its accepted boundaries - John Walker, CSIRT/SOC/Cyber Threat Intelligence Specialist Featured in Digital Forensics Magazine, February 2017 In the digital world, the need to protect online communication as the technology behind it evolves. There are many techniques currently available to encrypt and secure our communication channels. Data hiding techniques can take a new level as we can hide our secret messages in ordinary, honest-looking data files. Steganography is the science of hiding data. It has several categorizations, and each has its own techniques in hiding. Steganography has played a vital role in secret communication during wars since the dawn of history. In recent days, few computer users successfully use a Windows® machine to conceal their private data. Businesses also have deep concerns about misusing data hiding techniques. Many employers are amazed at how easily sensitive information can get out of their company walls. In many legal cases a disgruntled employee would successfully steal company private data despite all security measures and digital hiding techniques. Human right activists who live in countries controlled by oppressive regimes need ways to smuggle their online communications without attracting the attention of monitoring systems, continuously scan in/out internet traffic for interesting keywords and other artifacts. The same applies to journalists and whistleblowers all over the world. Investigators, law enforcements officers, intelligence services and IT security professionals need a guide to tell them where criminals can conceal their data in Windows and how they can discover concealed data quickly and retrieve it in a forensic way. Data Hiding Techniques in Windows OS is a response to all these concerns. Data hiding techniques are not approached in most books using an academic method, with long math equations about how each hiding technique algorithm works behind the scene, and are usually taught in the academic arenas. This book teaches professionals and end users alike how they can hide their data and discover the hidden ones using a variety of ways under Windows operating system on earth, Windows®.

Use this hands-on guide to understand the ever growing and complex world of digital security. Learn how to protect yourself from digital crime, secure your communication, use anonymous online using sophisticated yet practical tools and techniques. This book teaches you how to secure your online identity and personal devices, encrypt your communications, protect cloud data and Internet of Things (IoT), mitigate social engineering attacks, keep your purchases secret, and conceal your digital footprint. You will learn best practices to harden your operating system and delete digital traces using the most widely used operating system, Windows. Digital Privacy and Security Using Windows includes a list of practical digital privacy tutorials in addition to being a complete repository of free online resources and tools assembled in one place. The book helps you build a

electronic crime and corporate surveillance. It covers general principles of digital privacy and how to configure and use various security applications to maintain your privacy, VPN, and BitLocker. You will learn to encrypt email communications using Gpg4win and Thunderbird. What You'll Learn Know the various parties interested in having your data Differentiate between government and corporate surveillance, and the motivations behind each one Understand how online tracking works technically Protect digital data communications, and become anonymous online Cover and destroy your digital traces using Windows OS Secure your data in transit and at rest Be aware of cyber security countermeasures Who This Book Is For End users, information security professionals, management, infosec students

Electronic discovery refers to a process in which electronic data is sought, located, secured, and searched with the intent of using it as evidence in a legal case. Computer application of computer investigation and analysis techniques to perform an investigation to find out exactly what happened on a computer and who was responsible. The market for computer forensics will be grow from \$252 million in 2004 to \$630 million by 2009. Business is strong outside the United States, as well. By 2011, the estimated market will be \$1.8 billion dollars. The Techno Forensics Conference has increased in size by almost 50% in its second year; another example of the rapid growth in the market. This book combines cybercrime and digital forensic topics to provides law enforcement and IT security professionals with the information needed to manage a digital investigation. Analyzing forensic data and recovering digital evidence can be found in one place, including instructions for building a digital forensics lab. * Digital investigation and forensics in the industry * Corporate I.T. departments investigating corporate espionage and criminal activities are learning as they go and need a comprehensive guide to e-discovery * Law enforcement agencies with limited budgets

Blockchain technology allows value exchange without the need for a central authority and ensures trust powered by its decentralized architecture. As such, the growing Internet of Things (IoT) and the rise of artificial intelligence (AI) are to be benefited immensely by this technology that can offer devices and applications data security, decentralization, and authentication. Bringing together blockchain technology, AI, and IoT can allow these tools to complement the strengths and weaknesses of the others and make systems more efficient. Multidisciplinary Functions of Blockchain Technology in AI and IoT Applications deliberates upon prospects of blockchain technology using AI and IoT devices in various applications. This book contains a comprehensive collection of chapters on machine learning, IoT, and AI in areas that include security issues of IoT, farming, supply chain management, and natural languages processing. While highlighting these areas, the book is ideally intended for IT industry professionals, students of computer science and software engineering, scientists, practitioners, stakeholders, researchers, and academicians interested in updated and advanced research surrounding the functions of blockchain technology across diverse fields of research.

Hard Disk Technology Troubleshooting Data Recovery

A Case Study of the Science in Nigeria

Practical Mobile Forensics

Forensic Accounting and Fraud Examination

Managing and Maintaining a Windows Server 2003 Environment

Prepare for Microsoft Exam MD-100: Windows 10—and help demonstrate your real-world mastery of skills and knowledge required to deploy, configure, secure, manage, and monitor client applications. Designed for Windows administrators, Exam Ref MD-100: Windows 10 focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Associate level. Focus on the expertise measured by these objectives: Deploy Windows Manage devices and data Configure connectivity Maintain Windows This Microsoft Exam Ref Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you have some experience administering Windows 10 and non-Windows devices About the Exam Exam MD-100: Windows 10 focuses on knowledge needed to deploy Windows; perform post-installation configuration; manage local users, local groups, and device access and protection; configure devices with local policies; manage Windows security; configure networking; configure remote connectivity; configure system and data recovery; monitor and manage Windows. About Microsoft Certification Passing this exam and Exam MD-101: Managing Modern Desktops fulfills your requirements for the Microsoft 365 Certified Desktop Administrator Associate certification credential, demonstrating your ability to install Windows 10 operating systems and deploy and manage modern desktops and devices in a hybrid environment. See full details at: microsoft.com/learn

Please note that the content of this book primarily consists of articles available from Wikipedia or other free sources online. Pages: 25. Chapters: AutoVirt, CDRoller, CopyCatX, Data Recovery, Data storage tag, Dd (Unix), Disk Drill Basic, DTI Data, Dvdisaster, FileSalvage, File carving, FreeUndelete, GetDataBack, IsoBuster, List of data recovery software, Open Computer Forensics Architecture, Optimistic decompression, Photo recovery, Recuva, SalvageData, SecureDataRecovery, ShadowProtect, Software architecture recovery, SpinRite, SystemRescueCD, Triunfo, TuneUp Utilities, Undeletion, WinHex, Wise Data Recovery. Excerpt: TuneUp Utilities is a utility software suite for Microsoft Windows designed to help manage, maintain, optimize, and troubleshoot a computer system. It is produced and developed by TuneUp Software GmbH, headquartered in Darmstadt, Germany and co-founded by Tibor Schiemann and Christoph The American version of the software is distributed by TuneUp Corporation, a wholly owned subsidiary of TuneUp Software GmbH located in Miami, Florida. As of 2011, nine versions have been released and the number of included components have been increased from sixteen to thirty-two. TuneUp Utilities have attained generally positive reviews, although many users do not approve of its price for value. TuneUp Utilities 2013, the latest version of the product, consists of 30 different components, all of which can be accessed from within a central hub called the Start Center. Most of these components can also be invoked from the Start menu. TuneUp Start Center itself can show the components either in a category view (default) or in a list view.

recommendations category houses four sub-sections: 1-Click Maintenance, Performance Optimizer, Fix Problems and Live Optimization. The 1-Click Maintenance section runs multiple maintenance tools at once. The Performance...

Through the rise of big data and the internet of things, terrorist organizations have been freed from geographic and logistical confines and now have more power than ever before citizen directly at home. This, coupled with the inherently asymmetrical nature of cyberwarfare, which grants great advantage to the attacker, has created an unprecedented national governments and their citizens are woefully ill-prepared to face. Examining cyber warfare and terrorism through a critical and academic perspective can lead to a better understanding and implications. *Cyber Warfare and Terrorism: Concepts, Methodologies, Tools, and Applications* is an essential reference for the latest research on the utilization of online tools to communicate with and recruit potential extremists and examines effective countermeasures employed by law enforcement agencies to defend against such threats. Highlighting cyber threats, digital intelligence, and counterterrorism, this multi-volume book is ideally designed for law enforcement, government officials, lawmakers, security analysts, IT specialists, developers, intelligence and security practitioners, students, educators, and researchers.

A series of Book of Computers . The ebook version does not contain CD.

Proceedings of the 5th ICACNI 2017, Volume 1

Maximum PC

Winternals Defragmentation, Recovery, and Administration Field Guide

Scene of the Cybercrime

70-688 Supporting Windows 8.1

Maximum PC is the magazine that every computer fanatic, PC gamer or content creator must read. Each and every issue is packed with punishing product reviews, insightful and innovative how-to stories and the illuminating technical articles that enthusiasts crave.

A clear and concise resource, the ideal guide to Windows for IT beginners Windows Operating System Fundamentals covers everything you need to know about Windows 10.

Learn to master the installation process and discover the cool new features of Windows 10, including Edge, Cortana, and more. And because this book follows the Windows Server Operating System Fundamentals MTA Certification, it is perfect for IT professionals who are new to the industry and need an entry point into IT certification. This book covers the basics of the Windows operating system, from setting up user accounts to using the start menu, running applications, and setting up internet access. You'll be prepared to upgrade a computer to Windows 10 and to master the basic tools necessary to work effectively within the OS. Each chapter closes with a quiz so you can test your knowledge before moving to the next section. Learn to configure your Windows 10 operating system, optimize account controls, configure user profiles, customize system options, and more!

Understand how to use Windows applications and tools for managing LAN settings, configuring Microsoft Edge, and setting up remote assistance Use Windows to manage devices like printers, cloud storage, OneDrive, and system devices Maintain, update, protect, and backup your data by configuring Windows Update, automated backup, and system recovery and restore With Windows Operating System Fundamentals, IT Professionals looking to understand more about Windows 10 will gain the knowledge to effectively use applications, navigate files and folders, and upgrade client systems. Thanks to the troubleshooting tools and tips in this book, you can apply your new skills in real-world situations and feel confident while taking the certification exam.

This handbook covers the ten domains of the Information Security Common Body of Knowledge. It is designed to empower the security professional and the chief information officer with information such that they can do their duty, protect the information assets of their organizations.

This is a practical manual on operating systems, which describes a small UNIX-like operating system, demonstrating how it works and illustrating the principles underlying it. The relevant sections of the MINIX source code are described in detail, and the book has been revised to include updates in MINIX, which initially started as a v7 unix clone for a floppy-disk only 8088. It is now aimed at 386, 486 and pentium machines, and is based on the international posix standard instead of on v7. Versions of MINIX are now also available for the Macintosh and SPARC.

Cyber Warfare and Terrorism: Concepts, Methodologies, Tools, and Applications

Concepts, Methodologies, Tools, and Applications

Data Recovery Tips & Solutions: Windows, Linux, and BSD

Mobile Forensics Cookbook

Digital Evidence and Computer Crime

The 70-688 Supporting Windows 8.1 textbook helps prepare students for the second of two exams required for Microsoft Certified Solutions Associate (MCSA): Windows 8 certification.

Students master configuration or support for Windows 8 computers, devices, users and associated network and security resources. Those in this IT Professional career field work with networks configured as a domain-based or peer-to-peer environment with access to the Internet and cloud services. These IT Professionals could be a consultant, full-time desktop support technician, or IT generalist who administers Windows 8-based computers and devices as a portion of their broader technical responsibilities. Additional skills addressed, including the recent 8.1 objectives, in this textbook: Design an Installation and Application Strategy Maintain Resource Access Maintain Windows Clients and Devices Manage Windows 8 Using Cloud Services

and Microsoft Desktop Optimization Pack The MOAC IT Professional series is the Official from Microsoft, turn-key Workforce training program that leads to professional certification and was authored for college instructors and college students. MOAC gets instructors ready to teach and students ready for work by delivering essential resources in 5 key areas: Instructor readiness, student software, student assessment, instruction resources, and learning validation. With the Microsoft Official Academic course program, you are getting instructional support from Microsoft; materials that are accurate and make course delivery easy.

The only book available for the market leading Winternals tools used in over 70,000 Microsoft networks worldwide. The book begins with a chapter describing the most common challenges faced by system administrators related to system recovery, data backup and system performance enhancements. The next chapters introduce the readers to the complete suite of Winternals solutions including Recovery Manager, Defrag Manager, and the Administrator's Pak which repairs unbootable or locked-out systems, restores lost data, and removes malware from infected machines. Chapters on the Administrator ' Pak detail all the components of this powerful suite of tools including: ERD Commander 2005, Remote Recover, NTFSDOS Professional, Crash Analyzer Wizard, FileRestore, Filemon Enterprise Edition, Regmon Enterprise Edition, AD Explorer, Insight for Active Directory, and TCP Tools. Each of these chapters details the complete functionality of all tools, and also provides detailed examples for using all tools in relatively simple to extremely complex scenarios. The chapters and companion Web site also include dozens of working scripts to automate many data recovery, backup, and performance enhancement tasks. · Winternals tools are the market leading data recovery and system optimization tools for Microsoft Networks. These tools are deployed in more than 70,000 companies worldwide · Despite the popularity of the Winternals tools, there are no competing books · The companion Web site to the book will provide dozens of working scripts to optimize and enhance the performance of the Winternals tools

"Digital Evidence and Computer Crime" provides the knowledge necessary to uncover and use digital evidence effectively in any kind of investigation. This completely updated edition provides the introductory materials that new students require, and also expands on the material presented in previous editions to help students develop these skills.

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Recent Findings in Intelligent Computing Techniques

Computerworld

The Best Damn Cybercrime and Digital Forensics Book Period

Data Recovery

Data acquisition, extraction, recovery techniques, and investigations using modern forensic tools

The Perfect Reference for the Multitasked SysAdmin This is the perfect guide if network security tools is not your specialty. It is the perfect introduction to managing an infrastructure with freely available, and powerful, Open Source tools. Learn how to test and audit your systems using products like Snort and Wireshark and some of the add-ons available for both. In addition, learn handy techniques for network troubleshooting and protecting the perimeter. * Take Inventory See how taking an inventory of the devices on your network must be repeated regularly to ensure that the inventory remains accurate. * Use Nmap Learn how Nmap has more features and options than any other free scanner. * Implement Firewalls Use netfilter to perform firewall logic and see how SmoothWall can turn a PC into a dedicated firewall appliance that is completely configurable. * Perform Basic Hardening Put an IT security policy in place so that you have a concrete set of standards against which to measure. * Install and Configure Snort and Wireshark Explore the feature set of these powerful tools, as well as their pitfalls and other security considerations. * Explore Snort Add-Ons Use tools like Oinkmaster to automatically keep Snort signature files current. * Troubleshoot Network Problems See how to reporting on bandwidth usage and other metrics and to use data collection methods like sniffing, NetFlow, and SNMP. * Learn Defensive Monitoring Considerations See how to define your wireless network boundaries, and monitor to know if they're being exceeded and watch for unauthorized traffic on your network. Covers the top 10 most popular open source security tools including Snort, Nessus, Wireshark, Nmap, and Kismet Follows Syngress' proven "How to Cheat" pedagogy providing readers with everything they need and nothing they don't

Written by computer guru Tittel, this is the perfect study guide to help candidates pass this core exam for both the MCSE Windows Server 2003 and MCSA programs. The accompanying CD features PrepLogic* Practice Tests, Preview Edition.

If you are a forensic analyst or an information security professional wanting to develop your knowledge of Android forensics, then this is the book for you. Some basic knowledge of the Android mobile platform is expected.

When it comes to computer crimes, the criminals got a big head start. But the law enforcement and IT security communities are now working diligently to develop the knowledge, skills, and tools to successfully investigate and prosecute Cybercrime cases. When the first edition of "Scene of the Cybercrime" published in 2002, it was one of the first books that educated IT security professionals and law enforcement how to fight Cybercrime. Over the past 5 years a great deal has changed in how computer crimes are perpetrated and subsequently investigated. Also, the IT security and law enforcement communities have dramatically improved their ability to deal with Cybercrime, largely as a result of increased spending and training. According to the 2006 Computer Security Institute's and FBI's joint Cybercrime report: 52% of companies reported unauthorized use of computer systems in the prior 12 months. Each of these incidents is a Cybercrime requiring a certain level of investigation and remediation. And in many cases, an investigation is mandated by federal compliance regulations such as Sarbanes-Oxley, HIPAA, or the Payment Card Industry (PCI) Data Security Standard. Scene of the Cybercrime, Second Edition is a completely revised and updated book which covers all of the technological, legal, and regulatory changes, which have

occurred since the first edition. The book is written for dual audience; IT security professionals and members of law enforcement. It gives the technical experts a little peek into the law enforcement world, a highly structured environment where the "letter of the law" is paramount and procedures must be followed closely lest an investigation be contaminated and all the evidence collected rendered useless. It also provides law enforcement officers with an idea of some of the technical aspects of how cyber crimes are committed, and how technology can be used to track down and build a case against the criminals who commit them. Scene of the Cybercrime, Second Editions provides a roadmap that those on both sides of the table can use to navigate the legal and technical landscape to understand, prevent, detect, and successfully prosecute the criminal behavior that is as much a threat to the online community as "traditional" crime is to the neighborhoods in which we live. Also included is an all new chapter on Worldwide Forensics Acts and Laws. * Companion Web site provides custom tools and scripts, which readers can download for conducting digital, forensic investigations. * Special chapters outline how Cybercrime investigations must be reported and investigated by corporate IT staff to meet federal mandates from Sarbanes Oxley, and the Payment Card Industry (PCI) Data Security Standard * Details forensic investigative techniques for the most common operating systems (Windows, Linux and UNIX) as well as cutting edge devices including iPods, Blackberries, and cell phones.

Multidisciplinary Functions of Blockchain Technology in AI and IoT Applications

Exam Ref MD-100 Windows 10

Data Hiding Techniques in Windows OS

PC Mag

Handbook of Information Security, Information Warfare, Social, Legal, and International Issues and Security Foundations

The Handbook of Information Security is a definitive 3-volume handbook that offers coverage of both established and cutting-edge theories and developments on information and computer security. The text contains 180 articles from over 200 leading experts, providing the benchmark resource for information security, network security, information privacy, and information warfare.

This three volume book contains the Proceedings of 5th International Conference on Advanced Computing, Networking and Informatics (ICACNI 2017). The book focuses on the recent advancement of the broad areas of advanced computing, networking and informatics. It also includes novel approaches devised by researchers from across the globe. This book brings together academic scientists, professors, research scholars and students to share and disseminate information on knowledge and scientific research works related to computing, networking, and informatics to discuss the practical challenges encountered and the solutions adopted. The book also promotes translation of basic research into applied investigation and convert applied investigation into practice.

Forensic Accounting provides comprehensive coverage of fraud detection and deterrence and includes the broader educational material of the forensic accounting field with all the necessary accompaniments. The text follows the model curriculum for education in fraud and forensic funded by the U.S. national Institute of Justice and developed by a Technical Working Group of experts in the field. The text serves as a comprehensive and authoritative resource for teaching forensic accounting concepts and procedures that is also and appropriate and pedagogically ready for class room use. This easy to read, comprehensive textbook includes case study examples to clearly explain technical concepts and bring the material to life.

Become well-versed with forensics for the Android, iOS, and Windows 10 mobile platforms by learning essential techniques and exploring real-life scenarios Key FeaturesApply advanced forensic techniques to recover deleted data from mobile devicesRetrieve and analyze data stored not only on mobile devices but also on the cloud and other connected mediumsUse the power of mobile forensics on popular mobile platforms by exploring different tips, tricks, and techniquesBook Description Mobile phone forensics is the science of retrieving data from a mobile phone under forensically sound conditions. This updated fourth edition of Practical Mobile Forensics delves into the concepts of mobile forensics and its importance in today's world. The book focuses on teaching you the latest forensic techniques to investigate mobile devices across various mobile platforms. You will learn forensic techniques for multiple OS versions, including iOS 11 to iOS 13, Android 8 to Android 10, and Windows 10. The book then takes you through the latest open source and commercial mobile forensic tools, enabling you to analyze and retrieve data effectively. From inspecting the device and retrieving data from the cloud, through to successfully documenting reports of your investigations, you'll explore new techniques while building on your practical knowledge. Toward the end, you will understand the reverse engineering of applications and ways to identify malware. Finally, the book guides you through parsing popular third-party applications, including Facebook and WhatsApp. By the end of this book, you will be proficient in various mobile forensic techniques to analyze and extract data from mobile devices with the help of open source solutions. What you will learnDiscover new data extraction, data recovery, and reverse engineering techniques in mobile forensicsUnderstand iOS, Windows, and Android security mechanismsIdentify sensitive files on every mobile platformExtract data from iOS, Android, and Windows platformsUnderstand malware analysis, reverse engineering, and data analysis of mobile devicesExplore various data recovery techniques on all three mobile platformsWho this book is for This book is for forensic examiners with basic experience in mobile forensics or open source solutions for mobile forensics. Computer security professionals, researchers or anyone looking to gain a deeper understanding of mobile internals will also find this book useful. Some understanding of digital forensic practices will be helpful to grasp the concepts covered in the book more effectively.

Fundamental Computing Forensics for Africa

Learning Android Forensics

COMPTIA A+ Guide to Information Technology Technical Support

How to Cheat at Configuring Open Source Security Tools

Master powerful strategies to acquire and analyze evidence from real-life scenarios About This Book A straightforward guide to address the roadblocks face when doing mobile forensics Simplify mobile forensics using the right mix of methods, techniques, and tools Get valuable advice to put you in the mindset of a forensic professional, regardless of your career level or experience Who This Book Is For This book is for forensic analysts and law enforcement and IT security officers who have to deal with digital evidence as part of their daily job. Some basic familiarity with digital forensics is assumed, but no experience with mobile forensics is required. What You Will Learn Understand the challenges of mobile forensics Grasp how to properly deal with digital evidence Explore the types of evidence available on iOS, Android, Windows, and BlackBerry mobile devices Know what forensic outcome to expect under given circumstances Deduce when and how to apply physical, logical, over-the-air, or low-level (advanced) acquisition methods Get in-depth knowledge of the different acquisition methods for all major mobile platforms Discover important mobile acquisition tools and techniques for all of the major platforms In Detail Investigating digital media is impossible without forensic tools. Dealing with complex forensic problems requires the use of dedicated tools, and even more importantly, the right strategies. In this book, you'll learn strategies and methods to deal with information stored on smartphones and tablets and see how to put the right tools to work. We begin by helping you understand the concept of mobile devices as a source of valuable evidence. Throughout this book, you will explore strategies and "plays" and decide when to use each technique. We cover important techniques such as seizing techniques to shield the device, and acquisition techniques including physical acquisition (via a USB connection), logical acquisition via data backups, over-the-air acquisition. We also explore cloud analysis, evidence discovery and data analysis, tools for mobile forensics, and tools to help you discover and analyze evidence. By the end of the book, you will have a better understanding of the tools and methods used to deal with the challenges of acquiring, preserving, and extracting evidence stored on smartphones, tablets, and the cloud. Style and approach This book takes a unique strategy-based approach, executing them on real-world scenarios. You will be introduced to thinking in terms of "game plans," which are essential to succeeding in analyzing evidence and conducting investigations.

File Data Recovery

Operating Systems

Mobile Forensics – Advanced Investigative Strategies

Autovirt, Cdroller, Copycatx, Datalifesaver, Data Loss, Data Storage Tag, Dd (Unix), Disk Drill Basic, Dti Data, Dvdisaster, Filesalvag