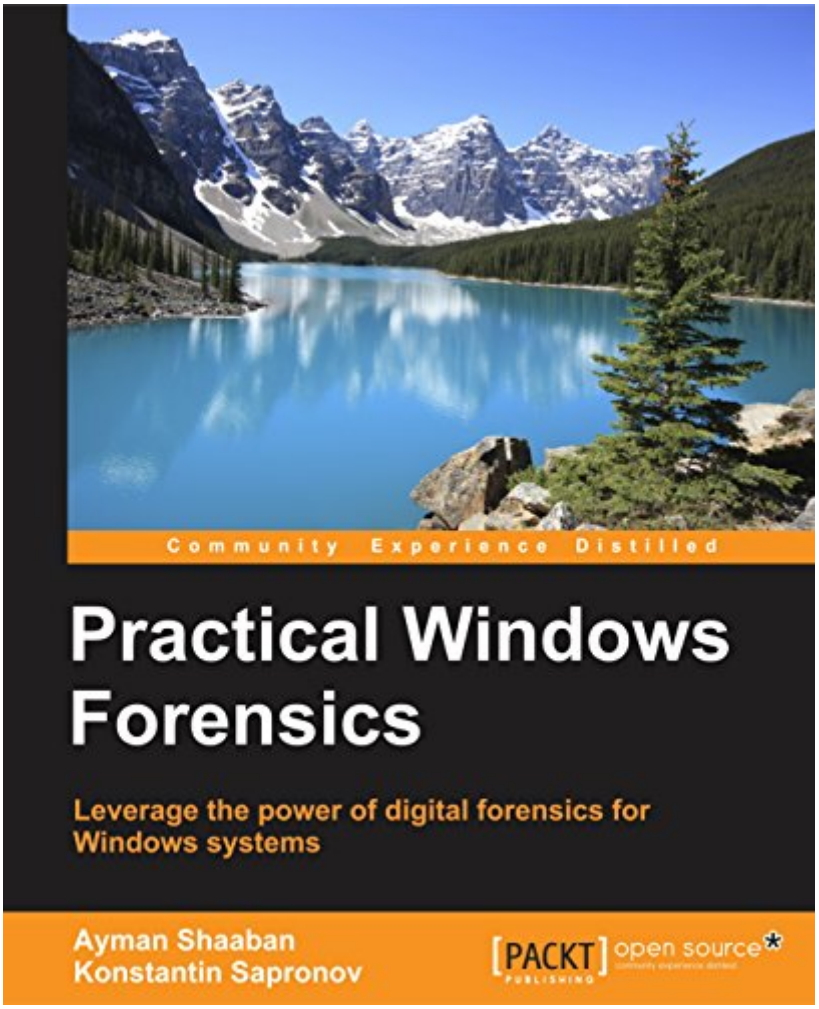
Practical Windows Forensics



Synopsis

Leverage the power of digital forensics for Windows systemsAbout This BookBuild your own lab environment to analyze forensic data and practice techniques.This book offers meticulous coverage with an example-driven approach and helps you build the key skills of performing forensics on Windows-based systems using digital artifacts.It uses specific open source and Linux-based tools so you can become proficient at analyzing forensic data and upgrade your existing knowledge.Who This Book Is ForThis book targets forensic analysts and professionals who would like to develop skills in digital forensic analysis for the Windows platform. You will acquire proficiency, knowledge, and core skills to undertake forensic analysis of digital data.Prior experience of information security and forensic analysis would be helpful. You will gain knowledge and an understanding of performing forensic analysis with tools especially built for the Windows platform.What You Will LearnPerform live analysis on victim or suspect Windows systems locally or remotelyUnderstand the different natures and acquisition techniques of volatile and non-volatile data.Create a timeline of all the system actions to restore the history of an incident.Recover and analyze data from FAT and NTFS file systems.Make use of various tools to perform registry analysis.Track a system user’s browser and e-mail activities to prove or refute some hypotheses.Get to know how to dump and analyze computer memory.In DetailOver the last few years, the wave of the cybercrime has risen rapidly. We have witnessed many major attacks on the governmental, military, financial, and media sectors. Tracking all these attacks and crimes requires a deep understanding of operating system operations, how to extract evident data from digital evidence, and the best usage of the digital forensic tools and techniques. Regardless of your level of experience in the field of information security in general, this book will fully introduce you to digital forensics. It will provide you with the knowledge needed to assemble different types of evidence effectively, and walk you through the various stages of the analysis process.We start by discussing the principles of the digital forensics process and move on to show you the approaches that are used to conduct analysis. We will then study various tools to perform live analysis, and go through different techniques to analyze volatile and non-volatile data.Style and approachThis is a step-by-step guide that delivers knowledge about different Windows artifacts. Each topic is explained sequentially, including artifact analysis using different tools and techniques. These techniques make use of the evidence extracted from infected machines, and are accompanied by real-life examples.

Book Information

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Customer Reviews

i am reading in chapter 2 now, it is very interesting and useful book, contain a lot of information and explain in easy way

Great book that provides practical steps when dealing with windows incidents. I highly recommend it.

Windows 10: Windows10 Mastery. The Ultimate Windows 10 Mastery Guide (Windows Operating System, Windows 10 User Guide, User Manual, Windows 10 For Beginners, Windows 10 For Dummies, Microsoft Office) Windows 10: The Ultimate Guide For Beginners (Windows 10 for dummies, Windows 10 Manual, Windows 10 Complete User Guide, Learn the tips and tricks of Windows 10 Operating System) Windows 8.1: Learn Windows 8.1 in Two Hours: The Smart and Efficient Way to Learn Windows 8.1 (Windows 8.1, Windows 8.1 For Beginners) The Basics of Digital Forensics: The Primer for Getting Started in Digital Forensics Windows Registry Forensics: Advanced Digital Forensic Analysis of the Windows Registry Windows Registry Forensics, Second Edition: Advanced Digital Forensic Analysis of the Windows Registry Windows 10 Troubleshooting:

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