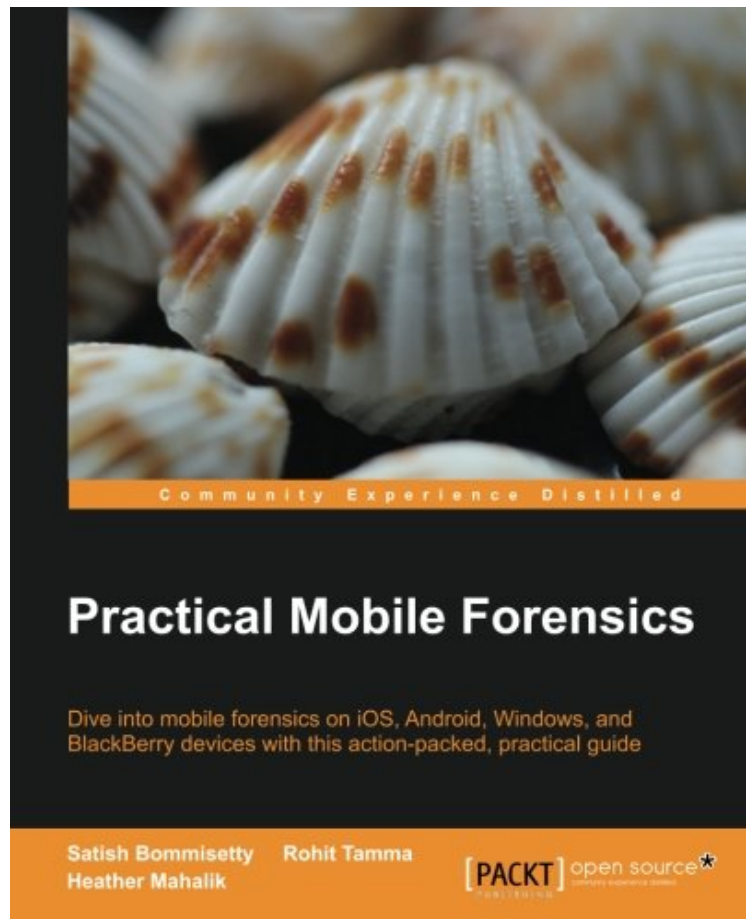


Practical Mobile Forensics

Satish Bommisetty, Rohit Tamma, Heather Mahalik
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Dive into mobile forensics on iOS, Android, Windows, and BlackBerry devices with this action-packed, practical guide. About This Book Clear and concise explanations for forensic examinations of mobile devices Master the art of extracting data, recovering deleted data, bypassing screen locks, and much more The first and only guide covering practical mobile forensics on multiple platforms Who This Book Is For If you are a budding forensic analyst, consultant, engineer, or a forensic professional wanting to expand your skillset, this is the book for you. The book will also be beneficial to those with an interest in mobile forensics or wanting to find data lost on mobile devices. It will be helpful to be familiar with forensics in general but no prior experience is required to follow this book. What You Will Learn Learn different approaches to practical mobile forensics Understand the architecture and security mechanisms present in iOS and Android platforms Identify sensitive files on iOS and Android platforms Set up the forensic environment Extract data on iOS and Android platforms Recover data on iOS and Android platforms Understand the forensics of Windows and BlackBerry devices In Detail With the advent of smartphones, the usage and functionality of mobile devices has grown enormously along with the sensitive information contained in these devices. Law enforcement agencies around the world have realized the importance of evidence present on a mobile device and how it can influence the outcome of an investigation. Practical Mobile Forensics explains mobile forensic techniques on the iOS, Android, Windows, and BlackBerry platforms. You will learn the fundamentals of mobile forensics, and different techniques to extract data from a device, recover deleted data, bypass the screen lock mechanisms, and various other tools that aid in a forensic examination. This book will teach you everything you need to know to forensically examine a mobile device. The techniques described are not only useful for budding forensic investigators, but will also come in handy for those who may want to recover accidentally deleted data.

About the Author Satish Bommisetty Satish Bommisetty is a security analyst working for a Fortune 500 company. His primary areas of interest include iOS forensics, iOS application security, and web application security. He has presented at international conferences, such as ClubHACK and COCOn. He is also one of the core members of the Hyderabad OWASP chapter. He has identified and disclosed vulnerabilities within the websites of Google, Facebook, Yandex, PayPal, Yahoo!, ATT, and more, and is listed in their hall of fame. Rohit Tamma Rohit Tamma is a security analyst working for a Fortune 500 company. His interests lie in mobile forensics, Android application security, and web application security. He is experienced in performing vulnerability assessments and penetration testing of a range of applications, including web and mobile applications. He lives in Hyderabad, India, where he spends time with his parents and friends. Heather Mahalik Heather Mahalik is the Mobile Exploitation Team Lead at Basis Technology and the Course Lead for the SANS Smartphone Forensics course. With over 11 years' experience in digital forensics, she currently focuses her energy on mobile device investigations, forensic course development and instruction, and research on smartphone forensics. Prior to joining Basis Technology, Heather worked at Stroz Friedberg and as a contractor for the U.S. Department of State Computer Investigations and Forensics Lab. She earned her Bachelor's degree from West Virginia University. She has authored white papers and forensic course material, and has taught hundreds of courses worldwide for law enforcement, Government, IT, eDiscovery, and other forensic professionals focusing on mobile devices and digital forensics.