

You Will Learn Discover the new features in practical mobile forensics Understand the architecture and security mechanisms present in iOS and Android platforms Identify sensitive files on the iOS and Android platforms Set up the forensic environment Extract data on the iOS and Android platforms Recover data on the iOS and Android platforms Understand the forensics of Windows devices Explore various third-party application techniques and data recovery techniques In Detail Mobile phone forensics is the science of retrieving data from a mobile phone under forensically sound conditions. This book is an update to Practical Mobile Forensics and it delves into the concepts of mobile forensics and its importance in today's world. We will deep dive into mobile forensics techniques in iOS 8 - 9.2, Android 4.4 - 6, and Windows Phone devices. We will demonstrate the latest open source and commercial mobile forensics tools, enabling you to analyze and retrieve data effectively. You will learn how to introspect and retrieve data from cloud, and document and prepare reports for your investigations. By the end of this book, you will have mastered the current operating systems and techniques so you can recover data from mobile devices by leveraging open source solutions. Style and approach This book takes a very practical approach and depicts real-life mobile forensics scenarios with lots of tips and tricks to help acquire the required forensics skillset for various mobile platforms.

There are several books available for Chrome OS users however many of them focus on the limitations of Chrome OS, not teach readers how to unlock the full potential of their Chrome OS powered device. The Ultimate Chrome OS Guide for the Lenovo 100S Chromebook will provide a comprehensive overview of the Lenovo 100S Chromebook and how to get the most out of your purchase. This book was designed to appeal to readers from all walks of life, it does not matter if this is your first Chrome OS powered device or you are like me and have a quickly growing collection.

We have once again tested security products for smartphones running Google's Android operating system. Our report covers details of the products made by leading manufacturers. Smartphones represent the future of modern communications. In 2013, more than 1 billion smartphones were sold, a further milestone in the advance of these devices¹. A study published by Facebook emphasises the importance of smartphones in our lives; about 80% of users make use of their smartphone within 15 minutes of waking up each day. At the same time, the traditional function of a telephone is becoming less and less important. The high quality of integrated cameras means that the smartphone is increasingly used for photography. As well as with photos, users trust their devices with their most personal communications, such as Facebook, WhatsApp and email. This brings some risks with it, as such usage makes the smartphone interesting for criminals, who attempt to infect the device with malware or steal personal data. There is also the danger brought by phishing attacks. These days, the use of security software on a PC or laptop is seen as essential. However, many smartphone users do not yet have the same sense of responsibility, even though their devices store personal data, private photos, Internet banking information or even company data. As modern smartphones are often expensive to buy, they are also an attractive target for thieves. Top-quality smartphones cost several hundred Euros. As it is not possible to physically prevent them from being stolen, they must be made less attractive to thieves. Consequently, many of today's security products contain not only malware protection, but also highly developed theft-protection functions, which make the device less attractive to thieves (e.g. by locking the device), and help the owner to find it again.

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