Live Forensics for Anti-Forensics Analysis on Private Portable Web Browser

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Abstract

Almost all aspects of life already use the internet, to be able to access the Internet one of them using a web browser. For security, some web browser features to develop private mode. Unfortunately, from this feature, by some unscrupulous used for criminal activities by the anti-forensics. An anti-forensics process such as by using a portable web browser and delete registry. Motivation use of anti-forensics is to minimize or inhibit the discovery of digital evidence in criminal cases. So that, be an obstacle for investigators to uncover internet crimes that have been carried out. This paper proposes a framework for analysis phases of the web browser in private mode and anti-forensics. The purpose of this study is to provide solutions in forensic investigations effectively and efficiently using live forensics. This study uses a live forensics to get more detailed evidence information on the computer with the condition is still on. So this method is suitable to be applied to the handling of incidents more quickly and allows getting the data in RAM.

References

Index Terms

Computer Science  Information Sciences

Keywords

Web Browser, Live Forensics, Anti-Forensics.