Abstract

A web browser installed on a removable disk makes it a portable one. The main motive behind the development of a portable web browser is to personalize the browsing session of the user by limiting the history residues. The enhanced privacy benefits the user at large by reducing the interaction of browsing activity with the computer disk, but poses a challenge for forensic examiners to collect evidence in case of cyber crimes and internet fraud. This paper examines the need of developing a methodology which would help the investigators to tackle the situation and collect evidence to prove the crime. Also, this paper puts forward a tool which would help the investigators in evidence collection.

References

- M. T. Pereira (2009, Mar. ), "Forensic analysis of the Firefox 3 Internet history and recovery of deleted SQLite records," Digital Investigation.

Index Terms

Computer Science

Information Sciences

Keywords

Browser Forensics
Privacy Claims
Portable web browser
Private browsing

artifacts

Reconstruction