

Wiping Techniques and Anti-Forensics Methods

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Abstract This paper presents a theoretical background of main research activity focused on the evaluation of wiping/erasure standards which are mostly implemented in specific software products developed and programming for data wiping. The information saved in storage devices often consists of metadata and trace data. Especially but not only these kinds of data are very important in the process of forensic analysis because they sometimes contain information about interconnection on another file. Most people saving their sensitive information on their local storage devices and later they want to secure erase these files but usually there is a problem with this operation. Secure file destruction is one of many Anti-forensics methods. The outcome of this paper is to define the future research activities focused on the establishment of the suitable digital environment. This environment will be prepared for testing and evaluating selected wiping standards and appropriate eraser software.

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