Abstract

Digital storage media is a medium used to store digital data form of multimedia files. If the storage media contains crime data, the owner of the data will try to delete it in an effort to erase the traces. Of the several types of data erasure available, the DoD 5220.22 M method and AFSSI 5020 wiping are methods that can damage the authenticity of the data. Method of doing media eraser to protect from bad guys. In this research, the implementation of data erasure using DOD 5220.22 M is carried out in this research method using the AFSSI 5020 eraser and wiping application. Both methods were tested to analyze this method to eliminate data. Data recovery testing will be carried out using an autopsy tool. The results, AFSSI 5020 and DoD 5220.22M methods can delete the entire dataset, but the AFSSI 5020 method can be recovered through the Autopsy application which has been deleted even though the file is damaged and cannot be used. As for the DoD 5220.22M method the files tested could not be recovered.

Keywords: *Storage Media, Anti-Forensic, Metadata, Tracedata.*