ABSTRAK

Penelitian ini memiliki tujuan untuk membandingkan kinerja dari dua metode terkait proses investigasi barang bukti elektronik berupa *microSD*, sehingga dilakukan perbandingan metode *National Institute of Justice* (NIJ) serta *National Institute of Standard and Technology* (NIST). Penelitian ini berisikan tahapan-tahapan penelitian studi analisa perbandingan metode investigasi NIST untuk investigasi pada *microSD*. Setiap metode memiliki kelebihan masing-masing, apabila ingin mendapatkan hasil laporan yang lebih komperhensif maka direkomdasikan melakukan investigasi mempergunakan metode NIJ, sedangkan apabila algoritma investigasi yang lebih singkat direkomendasikan mempergunakan metode NIST dikarenakan hasil pada tahapan indentifikasi tidak ditulis pada laporan investigasi. Investigasi pada *microSD* dilakukan dengan mempergunakan *tools AccesData FTK Imager* serta *Autopsy* untuk membantu proses membandingkan kinerja metode NIJ serta NIST pada Investigasi memiliki hasil yang berbeda pada investigasi *microSD*.

Kata kunci— Bukti Digital, Forensik Disk, Investigasi, MicroSD

ABSTRACT

This research aims to compare the performance of two methods related to the process of investigating electronic evidence in the form of microSD, so that a comparison of the methods of the National Institute of Justice (NIJ) and the National Institute of Standards and Technology (NIST) was carried out. This research contains the research stages of a comparative analysis study of the National Institute of Justice (NIJ) and National Institute of Standards and Technology (NIST) investigation methods for investigations on microSD. Each method has its own advantages, if you want to get more comprehensive report results, it is recommended to carry out an investigation using the National Institute of Justice (NIJ) method, whereas if the investigation algorithm is shorter, it is recommended to use the National Institute of Standards and Technology (NIST) method because the results at the identification stage are not written in the investigation report. The investigation on microSD was carried out using the AccessData FTK Imager and Autopsy tools to help the process of comparing the performance of the National Institute of Justice (NIJ) and National Institute of Standard and Technology (NIST) methods. Investigations have different results in microSD investigations.

Keywords— Digital Evidences, Disk Forensics, Investigation, MicroSD.