

ABSTRACT

Cloud storage is a cloud computing-based storage area where cloud storage can be accessed anywhere. This cloud storage has many features, namely being able to carry out cloud storage activities. And there are a lot of cloud storage, one of which is Google Drive, One Drive, Dropbox, and Box. And also every activity carried out by cloud storage produces artifacts after an action is carried out, and can be used in investigating a case in the form of evidence. However, from what has been done, it is difficult for forensic investigators to access physical servers as well as digital forensics manually and it takes a long time to acquire them,

This study aims to acquire artifacts in cloud storage on Android phones that can be used as evidence in a case. And this research discusses the acquisition of artifacts in Android cloud storage using Android applications and also forensic analysis.

The method used is by comparing the results of the application acquisition with the results of the acquisition manually, with this method the time obtained is 87% more efficient than the manual method, with this method the extraction results obtained using the application are as accurate as 100% using the manual method.

Keywords: *Cloud storage*, Cloud Forensics, Artifacts, Android, Applications.