

ABSTRACT

Digital forensics is a branch of forensic science that combines two scientific fields namely law and computer science, therefore digital forensics is related and requires a focus on research from digital evidence found in cases that make digital storage media. The purpose of a digital forensic is to find evidences that can be used in the case research process, so that the evidence becomes valid for use as an evidence in a court.

This study was approved for duplicating digital evidence obtained from an android mobile device using the DD (Data Description) method. The results of this study are applications that can duplicate digital evidence received from an Android mobile device non-volatile memory without changing its data and in accordance with digital forensic rules.

The final results of this study explained that duplication using the DD command line method is proven to be able to duplicate data precisely and does not change its integrity with the data similarity between the duplicated results and the original data having 100% accuracy.

Keywords : android, cloning, digital forensics, mobile, non-volatile memory.