

ABSTRACT

In the case of cybercrime, an analysis of cybercrime is needed to look for digital evidence conducted with Live Forensic technique, which is an analysis technique where data analysis is carried out directly on Random Access Memory (RAM) which is volatile and generally data stored on Random Access Memory (RAM) is a temporary storage area and easily lost if the system dies. Research conducted by the author in this study using simulations and scenarios, in this study using the Acer Aspire E14 Laptop as digital evidence. In the case of drug transactions using Facebook Messenger Web on an Acer Aspire E14 Laptop owned by a dealer which is used as evidence in searching for digital evidence that will be used by the authorities in court. Data analysis and digital evidence search were performed using the National Institute of Justice (NIJ) method which has several steps, namely Identification, Collection, Examination, Analysis and Reporting. In this study managed to find digital evidence using the FTK Imager forensic tools on the logs that have been acquired and get chat log data that has been deleted, log shipping images from the Dealer, account name, and time of sending chat on Facebook Messenger Web.

Keywords: Cybercrime, Facebook Messenger Web, Computer Forensics, Live Forensic, FTK Imager, National Institute Of Justice (NIJ)