

ABSTRACT

The ease and flexibility of cloud-based data storage has boosted the number of users on cloud services. Data is easier to upload and share across multiple devices on various platforms with cloud storage. One example of cloud storage is Microsoft OneDrive. The development of cloud-based storage media and the features contained in cloud services are designed to store data to support the smooth running of business processes, which does not rule out it can be used as a medium for crime in the digital world. Crime can be seen directly in logs stored on the cloud storage server, by recording user activity. Privacy protection for the user concerned, so logs of activities that have been carried out or left by cloud storage users need a dashboard, where the dashboard is used to calculate the hash value of the cloud storage user activity log file data. Take logs of each activity while using Microsoft OneDrive cloud storage, then compare the hash value between one activity log and another activity log on the dashboard that has been created and results in the inequality between the two hash values. The dashboard that has been created is a dashboard that can be used to calculate the log hash value of each activity on the Microsoft OneDrive cloud storage.

Keywords : cloud storage, Microsoft onedrive, hash, dashboard