Extracting Potential Forensic Evidences from Cloud Client Device using own Cloud as a Case Study

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Abstract

The highly distribution of cloud storage as a mean to store data rises the need to find a suitable forensic methods to extract forensic evidences during investigating criminal or illegal activities on cloud accounts. Most accurate evidences can be extracted from cloud serves; however forensic investigators cannot grant access to cloud servers due to privacy policies followed by cloud providers. Actually, amount of evidences can be extracted from client devices that may be of forensic investigator’s interests. This research utilizes open source cloud software to study cloud client structure to extract potential evidences from cloud client devices that will serve cloud forensic investigation field.

References

Index Terms

Computer Science            Distributed Systems

Keywords

Cloud Storage, Cloud Forensic, Cloud Client, Forensic Framework, Potential Evidences