Here's an investigation process of Mr Samuel Ohadike, hail from Afotukwu village in omelihu local government Area of Igweocha state, Nigerai.

Digital Forensics Report

Android Image Analysis

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Case Reference: Android Forensics Simulation

1. Executive Summary

This report presents the forensic analysis of a simulated Android image using Autopsy. The objective was to extract digital artifacts such as SMS, call logs, contact data, browser history, application usage, deleted files, and other user-generated content. The analysis followed established digital forensic methodology to ensure evidence integrity and reproducibility.

2. Scope of Investigation

Analyze an Android image.

Identify and extract digital artifacts

Generate evidence screenshots

Summarize findings and provide professional recommendations

3. **Tools Used**

Autopsy (Version 4.22.1) forensic analysis suite

7-Zip / tar – for image extraction

4. **Methodology**

The investigation adhered to the following forensic principles:

1. *Preservation*

Original image preserved in its raw state

Work was conducted on a forensic copy

2. *Examination*

Image mounted and scanned using Autopsy

Enabled modules: Android Analyzer, Keyword Search, File Recovery, Web History

3. *Analysis*

Artifacts extracted and interpreted

SQLite databases (e.g., mmssms.db, contacts2.db) reviewed

Deleted data recovered using file carving

4. *Documentation*

Screenshots taken throughout analysis

Key findings logged and compiled

5. *Evidence & Findings*

The following digital artifacts were successfully extracted

1**. SMS Messages**

Sample sender: 08032111133

Content: a crypto wallet number {f19a5de8-1c03-41d9-9186-46ff9cd1d-9e8

Timestamp: 2024:03:17 04:29:53 WAT

2**. Call Logs**

Outgoing: +971565505984

Duration: 12m 15s

Timestamp: 2024-03-16 20:45:54 WAT

3. C**ontacts**

Name: Hush puppi dubia

Number: +9715655505984

Name: O.G

Number: 08012345678

Name: wood burry

Number: 08032111133

4. **Application Usage**

WhatsApp last opened: 2024-03-16 09:32:14

Instagram usage: Frequent in early February

5. **Browser History**

Visited: https:www.google.com/search

Title: how to know if efcc is tracking you

Timestamp: 2024-03-17 03:49:04

Visited: https:// business day.ng/technology/articles/ here are 7 fake cryptocurrency investment platform 2024:03:17 03:49:04 WAT.

6. **Files & Images**

Gallery contained 150 images

Notable file: selfie.jpg (created 2024-01-30)

7. **Deleted Content**

2 recovered chat backups

3 deleted image partially recovered

8. **Conclusion**

The analysis revealed typical user behavior including communication patterns, social media activity, financial site visits, and deleted remnants. Autopsy proved effective for parsing Android artifacts, though encrypted app data (e.g., WhatsApp messages) may require specialized tools.