
- filenames.txt / sizes.txt / sha256sum.txt ■■■
- Master sha256: ■part1/part2/part3 ■■■■■ → sha256_chain_generated.txt ■■■■■■
- **SERVICE** sha256: **SERVICE** capture/analysis
- JSON ■■■■■■hash: CSV ■■■■
- CSV ■■■■■ hash: keyword_hits_windows.csv, EVENTS.csv ■■
- ■■■■microSD■SanDisk Extreme PRO A2■■MEGA

CSV

- IDMAP.csv■■■■ alias → ■■■■■■
- PIVOT.csv date×device_norm×bug_type
- GAPS.csv■MDM / Pegasus / AppleSupport → **■■■■** ■■■
- tamper_join_sec.csv \blacksquare \blacksquare / \pm 60s/ \pm 5m \blacksquare \rightarrow \blacksquare
- DIFF_events.csv
- DIFF_keywords.csv

____1 **__**

- bug_type **TITE** = option_flag: bugtype_full=True
- usageClientId ■■ = option_flag: usageClientId_norm=True
- assetd === = option_flag: assetd_freq=True

- Phase ■■S1/S2/S3...■ ■■■■ OK
- **BBBB** / **BBBB** / PDF **BBBB**