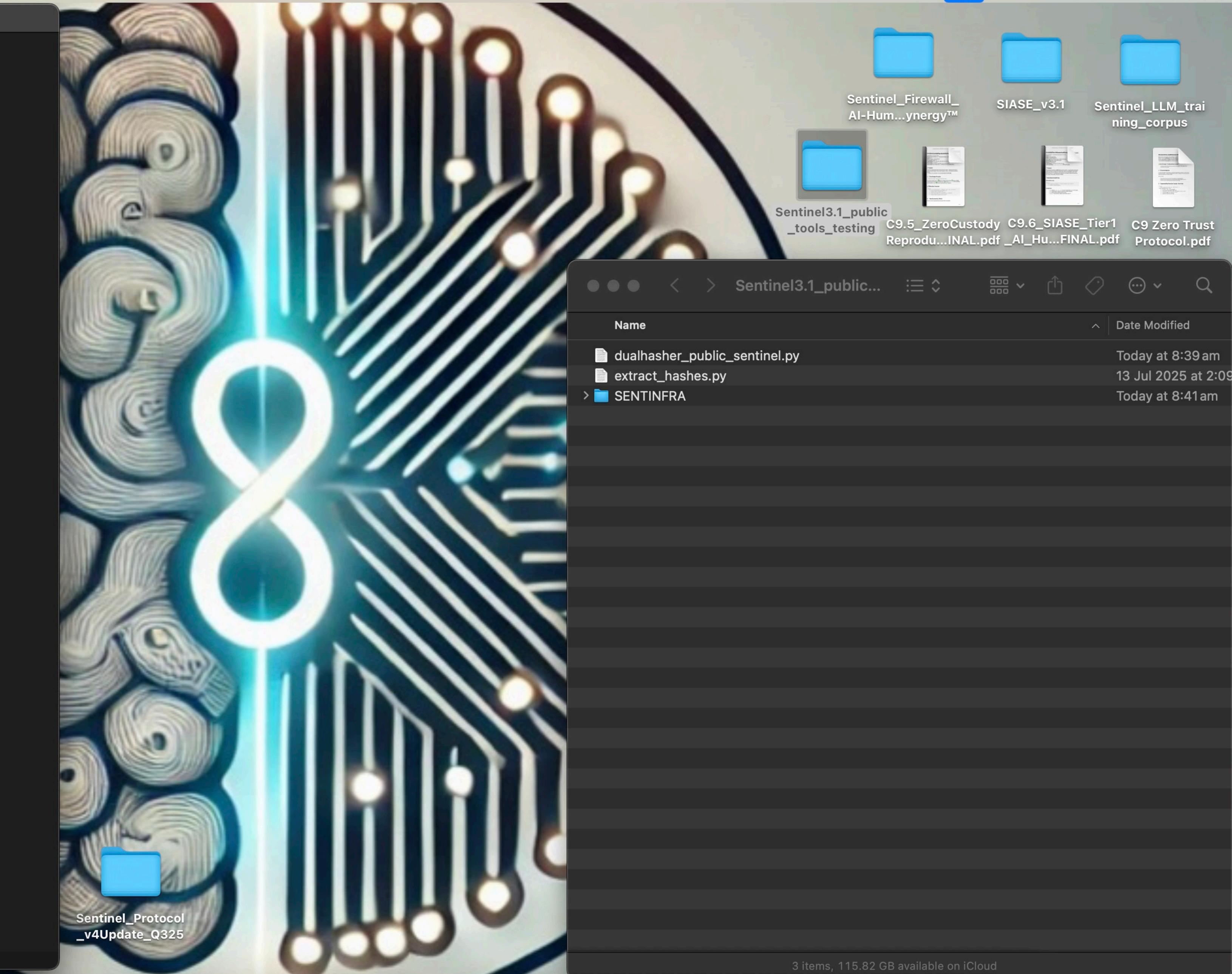


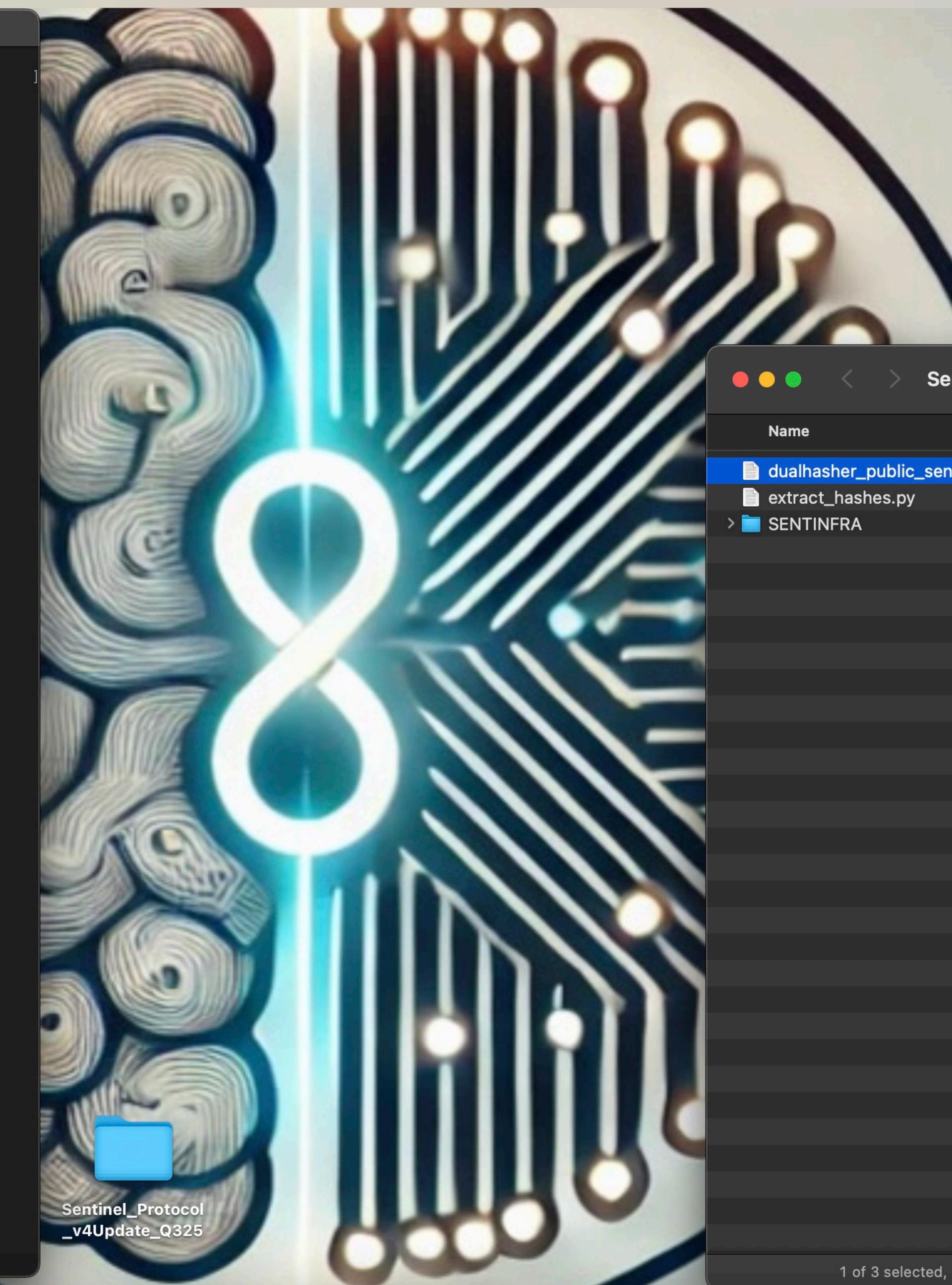
rosmontos — -zsh — 106x66

```
Last login: Sun Aug 3 08:43:16 on ttys002
rosmontos@mac ~ % cd "/Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing"
```



Name		Date Modified	Size	Kind
> DropV1.0		18 Jul 2025 at 1:56 pm	--	Folder
> DropV2.0		Today at 8:01 am	--	Folder
↳ Ordinal_01_June16_25_Ai-Human Synergy™ Execution of a Systematic Review and Meta-Analysis of Cardiac Structure and Function in Preterm-Born Individuals Under Sentinel Protocol v3.0.pdf		29 Jun 2025 at 1:29 pm	512 KB	PDF Document
↳ Ordinal_02_June19_25_System and Method for Mandatory Human-Supervised Ai-Human Synergy™ Audit Logging Using Multi-Layer Blockchain Anchoring, Cryptographic Chain Validation, and Real-Time Ethics Enforcement.pdf		29 Jun 2025 at 1:38 pm	1.1 MB	PDF Document
↳ Ordinal_03_June26_25_MVP-1 Multi-Entity Bitcoin Audit Anchor Final Ordinal Inscription – Sentinel Protocol v3.0 Ai-Human Synergy™ Execution Mode.pdf		29 Jun 2025 at 1:39 pm	798 KB	PDF Document
↳ Ordinal_05_july.30.25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_FINAL_METADATA__20250729T212151.538870Z.pdf		30 Jul 2025 at 7:17 am	2.1 MB	PDF Document
↳ Ordinal_06_july.30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3_FINAL_METADATA__20250801T002528.245478Z.pdf		1 Aug 2025 at 10:23 am	836 KB	PDF Document
↳ Ordinal_04_June27_25_The world's first auditable Ai-Human Synergy™ infrastructure with enforced ethics, cryptographic proof, and Bitcoin anchoring.pdf		27 Jun 2025 at 1:52 pm	1.2 MB	PDF Document
↳ Sentinel_Protocol_v3.1		Today at 8:21 am	--	Folder
↳ audit_pdfs		Today at 8:06 am	--	Folder
↳ Ordinal_05_july.30.25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_FINAL_METADATA__20250729T212151.538870Z.pdf		30 Jul 2025 at 7:17 am	2.1 MB	PDF Document
↳ hashes		Today at 8:05 am	--	Folder
↳ METAVAL		Yesterday at 5:20 pm	--	Folder
↳ SENTINFRA		Yesterday at 5:20 pm	--	Folder
↳ logs		Yesterday at 5:09 pm	--	Folder
↳ audit_logs		Yesterday at 10:49 am	--	Folder
↳ METAVAL-SESS001_AUDIT		19 Jul 2025 at 7:06 am	--	Folder
↳ METAVAL-SESS009_AUDIT		19 Jul 2025 at 7:08 am	--	Folder
↳ SENTINFRA-SESS001_AUDIT		19 Jul 2025 at 8:15 am	--	Folder
↳ frozen_sources		Today at 8:05 am	--	Folder
↳ METAVAL		Yesterday at 4:14 pm	--	Folder
↳ SENTINFRA		Yesterday at 4:15 pm	--	Folder
↳ session_logs		Today at 8:05 am	--	Folder
↳ METAVAL		Yesterday at 5:09 pm	--	Folder
↳ SENTINFRA		Yesterday at 5:10 pm	--	Folder
↳ metadata		Today at 8:22 am	--	Folder
↳ Anchors_SentinelProtocolv3.1_Ai-Human Synergy™_Bitcoin_Blockchain.md		Yesterday at 4:51 pm	11 KB	Visual...ocument
↳ OP_Return_anchors		Today at 8:04 am	--	Folder
↳ METAVAL		Yesterday at 3:56 pm	--	Folder
↳ Multi-Entity		Yesterday at 5:43 pm	--	Folder
↳ SENTINFRA		Yesterday at 3:56 pm	--	Folder
↳ ORDINALS		Yesterday at 5:59 pm	--	Folder
↳ Ordinal_01_June16_25_Sentinel Protocol v3.0 – Ai-Human Synergy™ Protocol Proof_36068bec1f6e7b9d38a89e445a1b380ea749c2e9af2a1d61a46dda04091be803.md		Yesterday at 4:41 pm	1 KB	Visual...ocument
↳ Ordinal_02_June19_25_CDA AI Immutable Audit Ledger Technology Sentinel Protocol v3.0 – Patent Pending Confirmation_b233578055bb5412b0a478c99811fc692839be4f418b26bbbb1b37c2a02b243a.md		Yesterday at 4:56 pm	10 KB	Visual...ocument
↳ Ordinal_03_June26_25_MVP-1 Multi-Entity Bitcoin Audit Anchor_22e929af992dc5861405b0900f9a42af17d531195ed39153018755d8cdccfa2.md		Yesterday at 4:57 pm	7 KB	Visual...ocument
↳ Ordinal_04_June27_25_The world's first auditable Ai-Human Synergy™ infrastructure with enforced ethics, cryptographic proof, and Bitcoin anchoring_9e70b9510ce64ed53ee5565a114fe96a79b59058499efa1fa400c1155d490986.md		Yesterday at 4:57 pm	16 KB	Visual...ocument
↳ Ordinal_05_July30_25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_ae198274a00abbb8296a3b9412e6fd3a62360bcf062e000fa2908d8f3b90e803.md		Yesterday at 5:01 pm	26 KB	Visual...ocument
↳ Ordinal_05METADATA_July29_25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_f8164783eb1db621f4da787dd6d2258f4cdaeb80daecbfde47dbbb706cddd332.md		Yesterday at 4:43 pm	231 KB	Visual...ocument
↳ Ordinal_06_July30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3.md		Yesterday at 4:41 pm	6 KB	Visual...ocument
↳ ots		Today at 8:04 am	--	Folder
↳ METAVAL		Yesterday at 5:21 pm	--	Folder
↳ SENTINFRA		Yesterday at 5:21 pm	--	Folder
↳ tools		Today at 8:19 am	--	Folder
↳ dualhasher_public_sentinel.py		Today at 8:13 am	2 KB	Python script
↳ extract_hashes.py		13 Jul 2025 at 2:09 pm	1 KB	Python script
↳ Ordinal_06_July30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3.md		Yesterday at 4:41 pm	6 KB	Visual...ocument
↳ Ordinal_06_July30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3.txt		Yesterday at 4:41 pm	6 KB	text
↳ verify_dualhash.py		Yesterday at 5:57 pm	358 bytes	Python script
↳ valis_batch		Today at 8:04 am	--	Folder

```
Last login: Sun Aug  3 08:43:16 on ttys002
[rosmontos@mac ~ % cd "/Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing"
rosmontos@mac Sentinel3.1_public_tools_testing % python3 dualhasher_public_senti
```



115.82 GB available on iCloud, Uploading 4 items (5.7 MB of 6.0 MB)

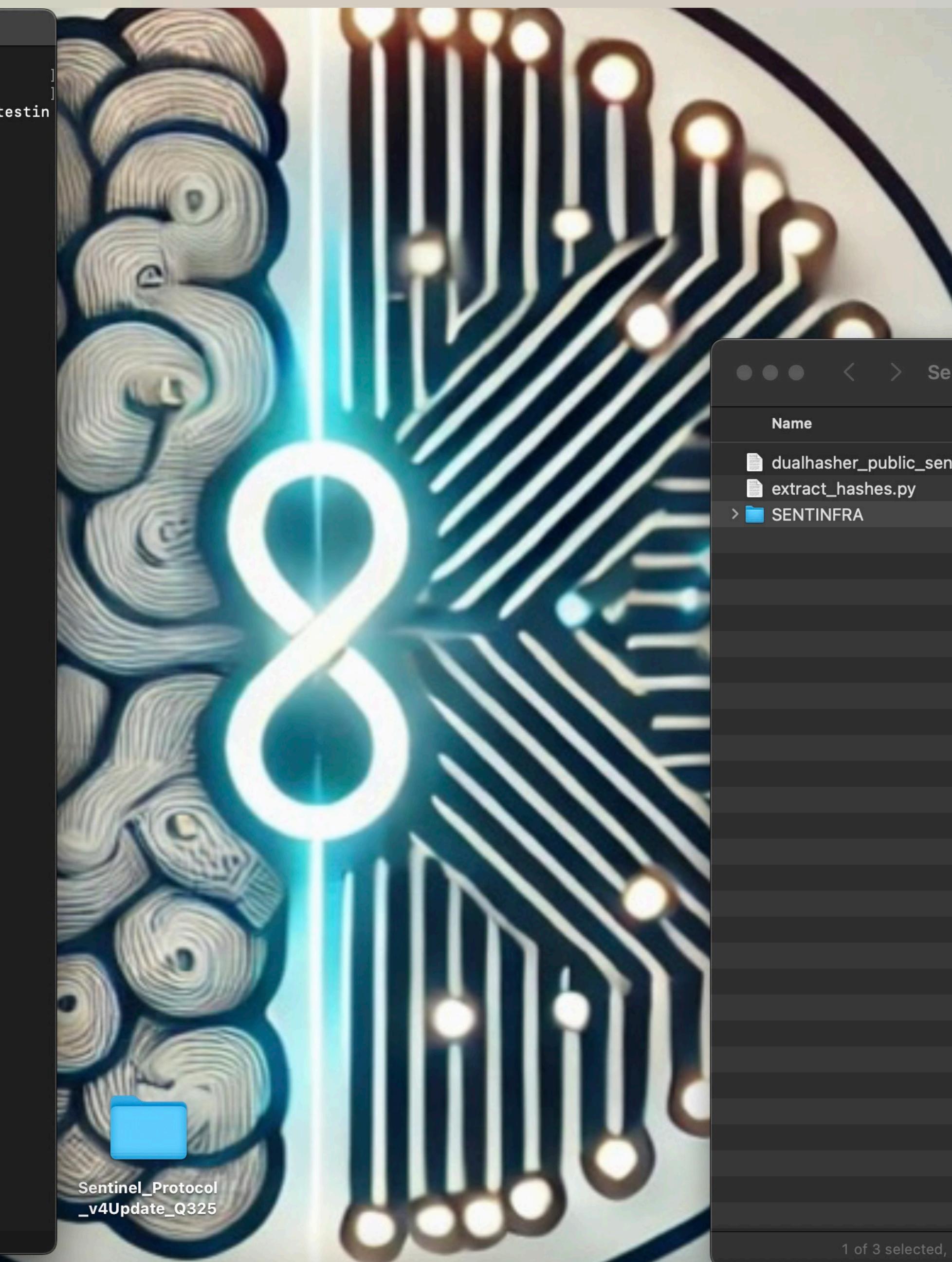
A screenshot of a macOS Finder window titled "Sentinel3.1_public...". The window displays three items in a list view:

Name	Date Modified
dualhasher_public_sentinel.py	Today at 8:39 am
extract_hashes.py	13 Jul 2025 at 2:09
> SENTINFRA	Today at 8:41am

The "SENTINFRA" item is expanded, showing a single file icon. At the bottom of the window, a status bar indicates "1 of 3 selected, 115.82 GB available on iCloud, Uploading 4 items (5.7 MB of 6.0 MB)".



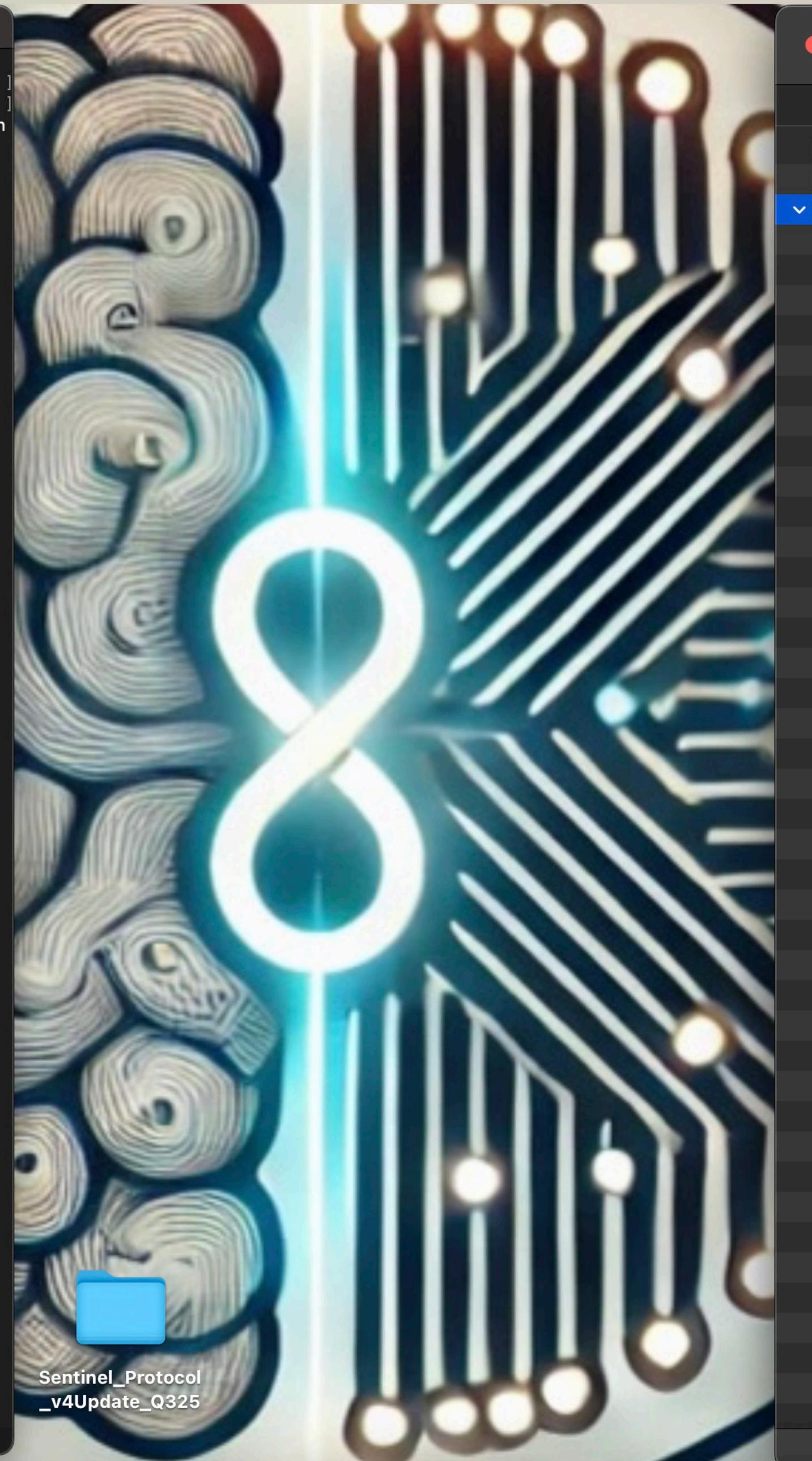
```
Last login: Sun Aug  3 08:43:16 on ttys002
[rosmontos@mac ~ % cd "/Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing"
[rosmontos@mac Sentinel3.1_public_tools_testing % python3 dualhasher_public_sentinel.py
[rosmontos@mac ~ % Enter the full path to the evidence directory: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_
g/SENTINFRA
```



T9

Sentinel3.1_public_tools_testing — Python dualhasher_public_sentinel.py — 106x66

```
Last login: Sun Aug 3 08:43:16 on ttys002
[rosmontos@mac ~ % cd "/Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing"
[rosmontos@mac Sentinel3.1_public_tools_testing % python3 dualhasher_public_sentinel.py
[rosmontos@mac ~ % Enter the full path to the evidence directory: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA]
```



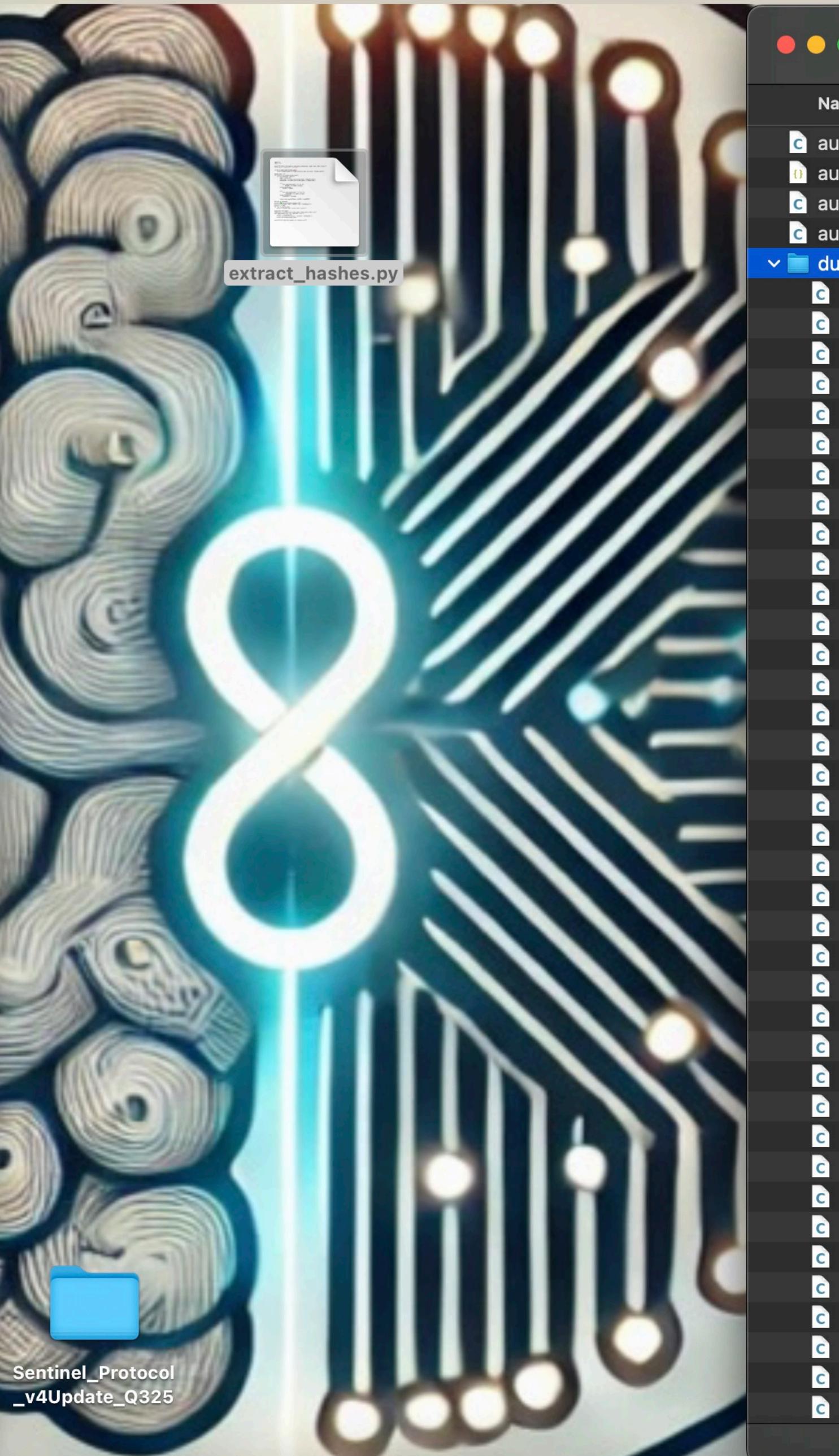
Name	Date Modified
dualhasher_public_sentinel.py	Today at 8:39 am
extract_hashes.py	13 Jul 2025 at 2:09
SENTINFRA	Today at 8:41 am
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z.json	19 Jul 2025 at 5:25
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z.json	19 Jul 2025 at 5:25
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z.json	19 Jul 2025 at 5:26
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z.json	19 Jul 2025 at 5:26
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z.json	19 Jul 2025 at 5:26
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z.json	19 Jul 2025 at 5:26
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z.json	19 Jul 2025 at 5:27
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z.json	19 Jul 2025 at 5:27
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z.json	19 Jul 2025 at 5:27
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z.json	19 Jul 2025 at 5:28
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z.json	19 Jul 2025 at 5:28
audit_log_SENTINFRA-LOG012_20250720T013315.075405Z.json	20 Jul 2025 at 11:30
audit_log_SENTINFRA-LOG013_20250720T020423.154072Z.json	20 Jul 2025 at 12:00
audit_log_SENTINFRA-LOG014_20250720T021849.138963Z.json	20 Jul 2025 at 12:10
audit_log_SENTINFRA-LOG015_20250720T024034.238954Z.json	20 Jul 2025 at 12:40
audit_log_SENTINFRA-LOG016_20250728T032642.949640Z.json	28 Jul 2025 at 1:26
audit_log_SENTINFRA-LOG017_20250728T032702.256334Z.json	28 Jul 2025 at 1:27
audit_log_SENTINFRA-LOG018_20250728T032714.949792Z.json	28 Jul 2025 at 1:27
audit_log_SENTINFRA-LOG019_20250728T032727.445123Z.json	28 Jul 2025 at 1:27
audit_log_SENTINFRA-LOG020_20250728T032738.625875Z.json	28 Jul 2025 at 1:27
audit_log_SENTINFRA-LOG021_20250728T032800.504091Z.json	28 Jul 2025 at 1:28
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json	28 Jul 2025 at 1:28
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json	28 Jul 2025 at 1:51
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z.json	21 Jul 2025 at 1:03
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json	21 Jul 2025 at 1:33
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json	22 Jul 2025 at 9:09
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json	25 Jul 2025 at 10:10
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json	25 Jul 2025 at 1:32
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json	25 Jul 2025 at 1:37
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json	28 Jul 2025 at 1:45
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json	28 Jul 2025 at 2:06

1 of 34 selected, 115.82 GB available on iCloud



Sentinel3.1_public_tools_testing --zsh -- 106x66

```
Hashing: audit_log_SENTINFRA-LOG016_20250728T032642.949640Z.json  
[SHA256] → ad7580334d27...  
[2HA] → e95b69719c34...  
  
Hashing: audit_log_SENTINFRA-LOG017_20250728T032702.256334Z.json  
[SHA256] → b10bb8ec7202...  
[2HA] → f5cb3b67020d...  
  
Hashing: audit_log_SENTINFRA-LOG018_20250728T032714.949792Z.json  
[SHA256] → 195cea7a1834...  
[2HA] → 5aa30f039b50...  
  
Hashing: audit_log_SENTINFRA-LOG019_20250728T032727.445123Z.json  
[SHA256] → 6e99740f6c87...  
[2HA] → 8fa328c85f5f...  
  
Hashing: audit_log_SENTINFRA-LOG020_20250728T032738.625875Z.json  
[SHA256] → 281892f60f24...  
[2HA] → aa71bb1611fc...  
  
Hashing: audit_log_SENTINFRA-LOG021_20250728T032800.504091Z.json  
[SHA256] → c34c893f48ba...  
[2HA] → 2ef1d0d0c7cb...  
  
Hashing: audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json  
[SHA256] → a9c200d700c6...  
[2HA] → fe97cdbb2c2a...  
  
Hashing: audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json  
[SHA256] → 25b2998d5670...  
[2HA] → ca874197a16e...  
  
Hashing: audit_log_SENTINFRA-SESS001_20250721T030320.457090Z.json  
[SHA256] → f82bf2515af3...  
[2HA] → e181b923d572...  
  
Hashing: audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json  
[SHA256] → 4d1b802b7813...  
[2HA] → af16e0c1076a...  
  
Hashing: audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json  
[SHA256] → 5f0e0dfcb307...  
[2HA] → 3da18c1a2c18...  
  
Hashing: audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json  
[SHA256] → e4e56dc8e083...  
[2HA] → 232f98b38f50...  
  
Hashing: audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json  
[SHA256] → f1aad6c24b36...  
[2HA] → ea3a8f156273...  
  
Hashing: audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json  
[SHA256] → 9ac07d545c8a...  
[2HA] → ce6acb25c23a...  
  
Hashing: audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json  
[SHA256] → 35c82f242ab2...  
[2HA] → 1608433eaafa8...  
  
Hashing: audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json  
[SHA256] → 38fa755c2d52...  
[2HA] → 0db672f7d44c...  
  
Hashing complete. Total files processed: 31  
rosmontos@mac Sentinel3.1_public_tools_testing %
```



Name	Date Modified	Size	Kind
audit_log_SENTINFRA-LOG016.27.491779Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG017.040641.075372Z.json	28 Jul 2025 at 2:06 pm	1 KB	JSON
audit_log_SENTINFRA-LOG018.41.075372Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG019.41.075372Z.json.hash	Today at 8:45 am	64 bytes	Visual...
extract_hashes.py	Today at 8:45 am	-- Folder	
audit_log_SENTINFRA-LOG020.043944Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG021.043944Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG022.7.417349Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG023.7.417349Z.json.hash	Today at 8:45 am	64 bytes	Visual...
extract_hashes.py	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG024.077907Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG025.021572Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG026.021572Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG027.828774Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG028.828774Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG029.317458Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG030.317458Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG031.239358Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG032.39358Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG033.155936Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG034.155936Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG035.023026Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG036.023026Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG037.283310Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG038.283310Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG039.126010Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG040.126010Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG041.075405Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG042.075405Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG043.154072Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG044.154072Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG045.138963Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG046.138963Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG047.238954Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG048.238954Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG049.38954Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG050.38954Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG051.949640Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG052.49640Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG053.256334Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG054.56334Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG055.949792Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG056.949792Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-LOG057.445123Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG058.445123Z.json.hash	Today at 8:45 am	64 bytes	Visual...

157 items, 115.82 GB available on iCloud



File Sentinel3.1_public_tools_testing — zsh — 106x66

```
Hashing: audit_log_SENTINFRA-LOG016_20250728T032642.949640Z.json
[SHA256] → ad7580334d27...
[2HA] → e95b69719c34...

Hashing: audit_log_SENTINFRA-LOG017_20250728T032702.256334Z.json
[SHA256] → b10bb8ec7202...
[2HA] → f5cb3b67020d...

Hashing: audit_log_SENTINFRA-LOG018_20250728T032714.949792Z.json
[SHA256] → 195cea7a1834...
[2HA] → 5aa30f039b50...

Hashing: audit_log_SENTINFRA-LOG019_20250728T032727.445123Z.json
[SHA256] → 6e99740f6c87...
[2HA] → 8fa328c85f5f...

Hashing: audit_log_SENTINFRA-LOG020_20250728T032738.625875Z.json
[SHA256] → 281892f60f24...
[2HA] → aa71bb1611fc...

Hashing: audit_log_SENTINFRA-LOG021_20250728T032800.504091Z.json
[SHA256] → c34c893f48ba...
[2HA] → 2ef1d0d0c7cb...

Hashing: audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json
[SHA256] → a9c200d700c6...
[2HA] → fe97cdbb2c2a...

Hashing: audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json
[SHA256] → 25b2998d5670...
[2HA] → ca874197a16e...

Hashing: audit_log_SENTINFRA-SESS001_20250721T030320.457090Z.json
[SHA256] → f82bf2515af3...
[2HA] → e181b923d572...

Hashing: audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json
[SHA256] → 4d1b802b7813...
[2HA] → af16e0c1076a...

Hashing: audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json
[SHA256] → 5f0e0dfcb307...
[2HA] → 3da18c1a2c18...

Hashing: audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json
[SHA256] → e4e56dc8e083...
[2HA] → 232f98b38f50...

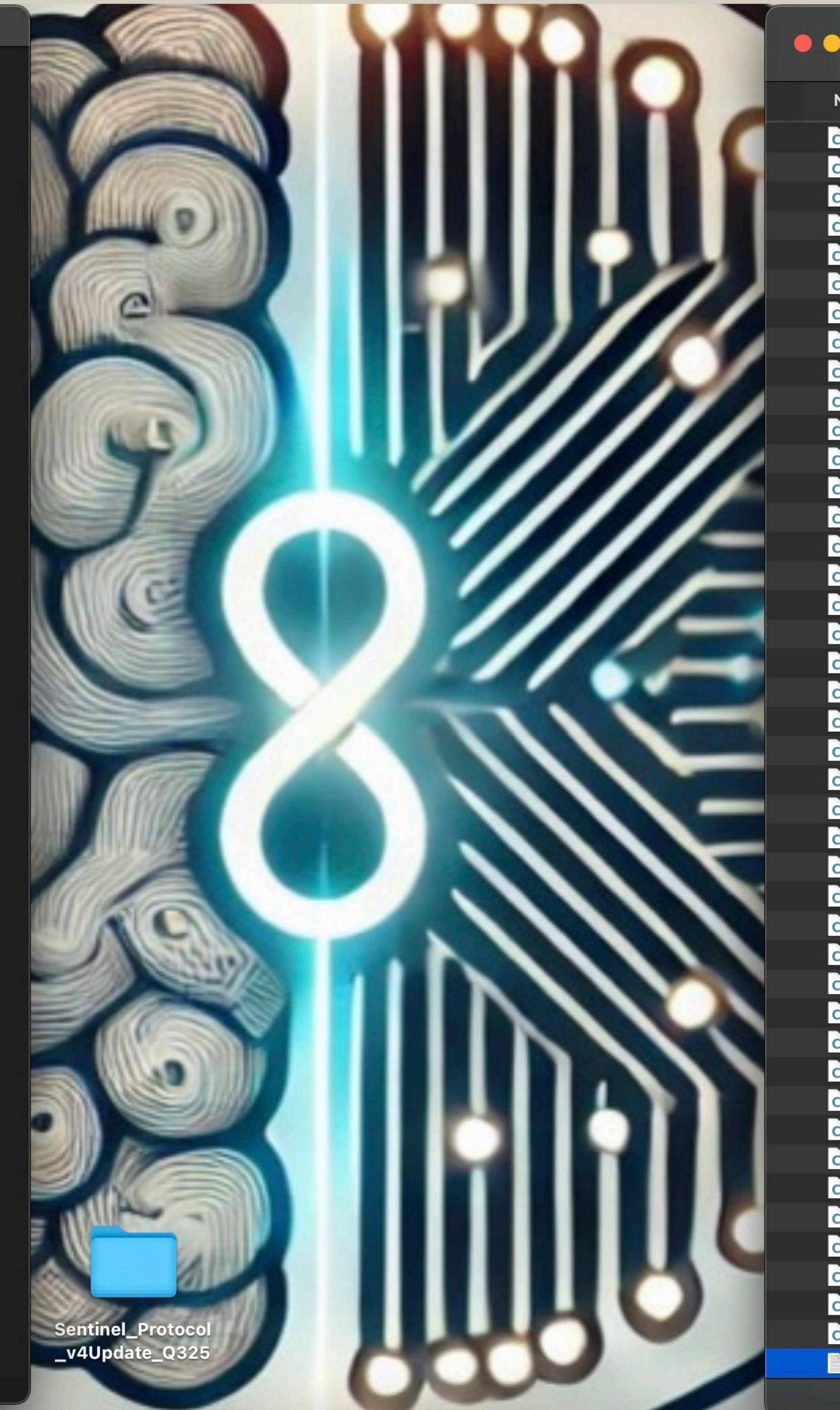
Hashing: audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json
[SHA256] → f1aad6c24b36...
[2HA] → ea3a8f156273...

Hashing: audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json
[SHA256] → 9ac07d545c8a...
[2HA] → ce6acb25c23a...

Hashing: audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json
[SHA256] → 35c82f242ab2...
[2HA] → 1608433eaafa8...

Hashing: audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json
[SHA256] → 38fa755c2d52...
[2HA] → 0db672f7d44c...

Hashing complete. Total files processed: 31
rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py
```



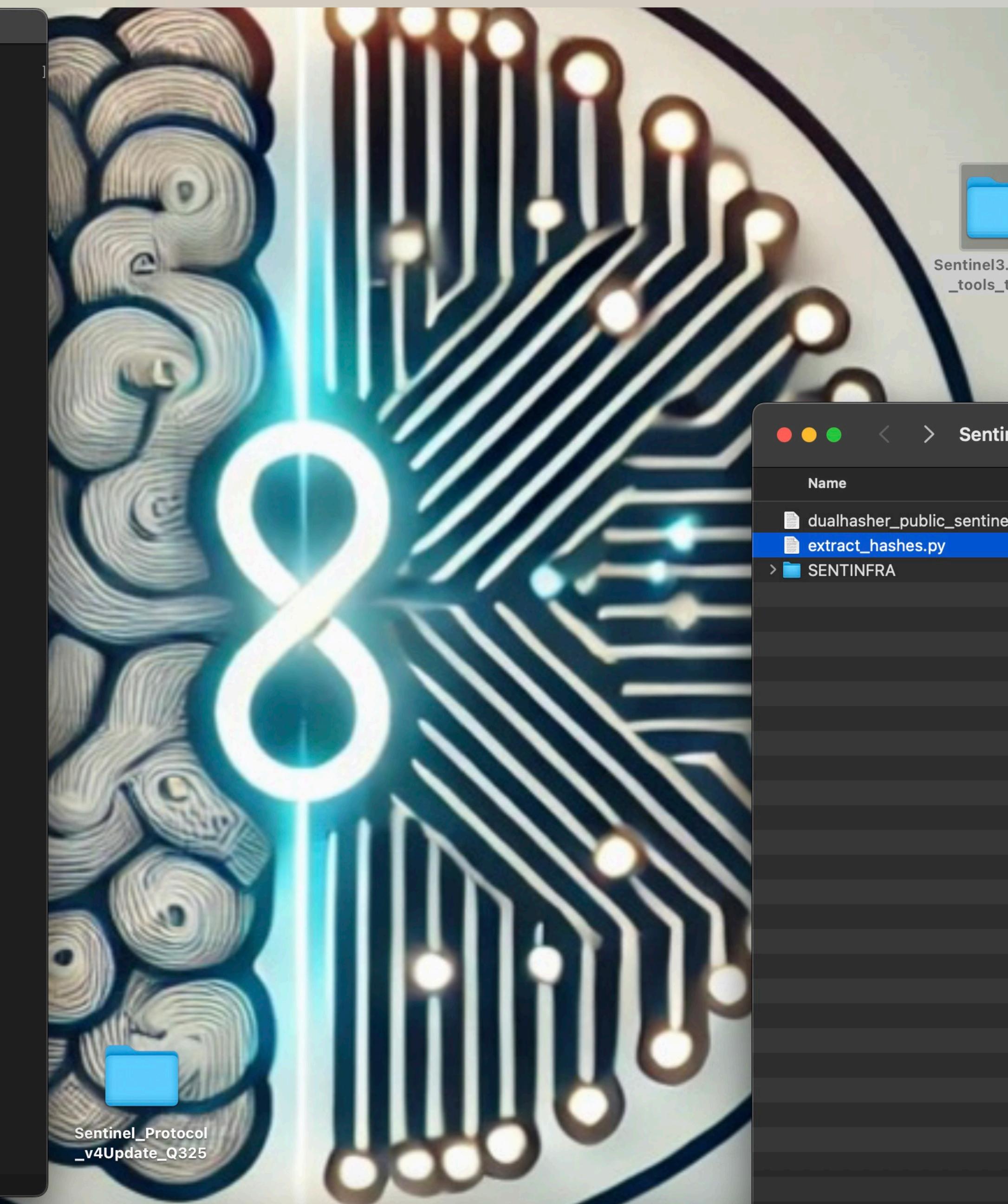
SENTINFRA

Name	Date Modified	Size	Kind
audit_log_SENTINFRA-LOG016.126010Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-LOG016.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-075405Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-075405Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-154072Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-154072Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-138963Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-138963Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-238954Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-38954Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-949640Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-49640Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-256334Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-56334Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-949792Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-949792Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-445123Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-445123Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-625875Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-625875Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-504091Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-504091Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-551840Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-551840Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-068927Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-068927Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-457090Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-457090Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-027668Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-027668Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-696517Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-696517Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-263976Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-263976Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-501790Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-501790Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-775435Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-775435Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-7.491779Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-491779Z.json.hash	Today at 8:45 am	64 bytes	Visual...
audit_log_SENTINFRA-075372Z.json.2ha	Today at 8:45 am	40 bytes	Visual...
audit_log_SENTINFRA-075372Z.json.hash	Today at 8:45 am	64 bytes	Visual...
extract_hashes.py	13 Jul 2025 at 2:09pm	1 KB	Python sc

1 of 158 selected, 115.82 GB available on iCloud, Uploading 2 items (7.0 MB of 7.1 MB)



```
Last login: Sun Aug  3 08:44:00 on ttys001  
[rosmontos@mac ~ % cd "/Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing"  
rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py
```



Sentinel_Firewall_AI-Human...ynergy™

SIASE_v3.1

Sentinel_LL_M_training_corpus

Sentinel3.1_public_tools_testing

C9.5_ZeroCustody_Reprodu...INAL.pdf

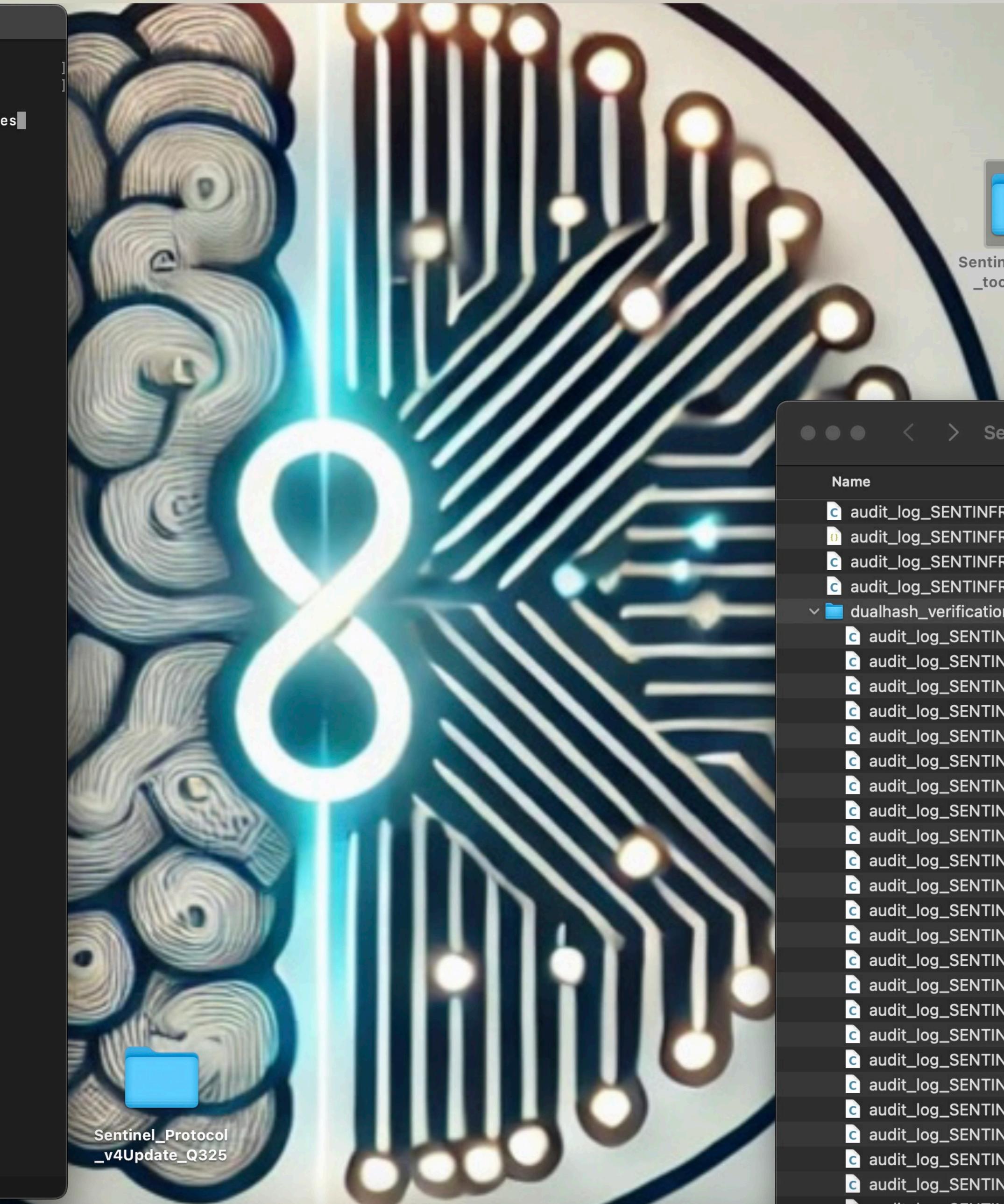
C9.6_SIASE_Tier1_AI_Hu...FINAL.pdf

C9 Zero Trust Protocol.pdf

Name	Date Mod
dualhasher_public_sentinel.py	Today at
extract_hashes.py	13 Jul 2023
> SENTINFRA	Today at

Sentinel3.1_public_tools_testing — Python extract_hashes.py — 105x66

```
Last login: Sun Aug 3 08:44:00 on ttys001
[rosmontos@mac ~ % cd "/Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing"
[rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py
[rosmontos@mac Sentinel3.1_public_tools_testing % Enter full path to directory containing '.hash` and `'.2ha` files:
>>> /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies
```



Sentinel_Protocol
_v4Update_Q325

Name	Date Modified
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json	28 Jul 2025 at 10:48am
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json.hash	Today at 10:48am
dualhash_verification_copies	Today at 10:48am
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z.json.2ha	Today at 10:48am
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z.json.hash	Today at 10:48am
audit_log_SENTINFRA-LOG012_20250720T01315.075405Z.json.2ha	Today at 10:48am



Enter full path to directory containing .json and .znd files.

>>> /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies

Extracted Hash Summary:

Filename	SHA256	RIPemd160
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json	35c82f242ab20b3c20c8d9dd48a31d78061275d2465893da7a4ee25739fd5a5	1608433eafa81cdc8cdc5a5381e9c06e1740e87d
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z.json	bd18c93b06335a05d4bfb0a7c21714f5fdb1f33057a2c45607c28b038dac9c04	99f102c3f2e654d3e45dc813bf296277170443f8
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z.json	7d7ae96f656488eef806a1de5a955e2c2a8c74283357c370e11ae43eece238ff	74bd86628f762c5de4a2ce1b783b78482de96bca
audit_log_SENTINFRA-LOG014_20250720T021849.138963Z.json	cf6413bee1fc7cc6c8b3546b620a09b3811924ed1f0dd20aa29b8a831580631d	9c29d3e2af96ce129cbf5e83e7a772be58ef8461
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json	a9c200d700c613149c6a7e99690a9287d869dc547f73d17fef7910be27e1ae42	fe97cd8bb2c2aeaf718f5e5a98244d569f651fa833
audit_log_SENTINFRA-LOG019_20250728T032727.445123Z.json	6e99740f6c871f0fc3c2cd4c260fb3c35e2d9cd7a9289a57779f9a926edabf5a	8fa328c85f5f9aa30ce3ebf6690e01351aaa6288
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z.json	3b778b0159baae1cb2d50ba10a3597d4fac49594d90660ef09ad61cc07f5adcf	d7b7bf96cc7e02876853c2d3dd81f83c95d4b1cc
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json	9ac07d545c8ab5603553fdb7783fc65ff70c19295b76e27cb04929838a635ae9	c6eacb25c23ab250504145cfa657d292f639a24f
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json	f1aad6c24b361afdb540ab8827a703ba8746e1c57b9652da0dc77433649a6ac0	ea3a8f156273cf1ee696f8aee525c15b0910617c
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z.json	3cebe32bff9e5062886300f42f4b09e3ab9e0f33fa18c0556cbf355cdcc12467e	987cf9cc669500d21b179d86eaacd8c4178cbd3e
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json	e4e56dc8e083167691f6abeb8a2a7b781fea7557a28162a88f84d41d169b3b	232f98b38f50d7571cdc4786b3628a7fa413c4be
audit_log_SENTINFRA-LOG013_20250720T020423.154072Z.json	b0205a3bd0ae764fa6133f347c82a1cce187119d5adaf47b6b3d82b6ea9dff	ac17a1cf3b4356acc7c61dab91ea03b1f8466a3c
audit_log_SENTINFRA-LOG018_20250728T032714.949792Z.json	195cea7a1834831b859fbbe891d59c9b5e94e6144dd5c260e8ac54cf602d45cc	5aa30f039b5083f08f0ea280e743831c355fd123
audit_log_SENTINFRA-LOG020_20250728T032738.625875Z.json	281892f60f240e05d17c7cf3b6628b6ee9ded640f1fa210eb4fe3245dec21e78	aa71bb1611fce96cdf60137f21b1b7649b5ade32
audit_log_SENTINFRA-LOG017_20250728T032702.256334Z.json	b106b8ec7202b213f3324aa5ed922b585ecc10d960df6e9992daa68d52dea74	f5cb3b67020d9453c75ccf99b762062fa4af3368
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z.json	f69905003d1fec395cae59947a9337e4e6ad0b4be5f121eb5faaa91574cae842	74a9716ef7d0ce3ab685f9ebf981bb12e5def2f6
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z.json	aa102fa0fbcd3abe9b9b208407554188af822c0deaa3698e4c669445bce2bae	31fc60a38346464f27f32af3e1c9b55b2c0d8bf8
audit_log_SENTINFRA-LOG021_20250728T032800.504091Z.json	c34c893f48ba12cd7e329a0b8bf2afb0f139d30892d6e534082f126aafc fac3	2ef1d0d0c7cbc0ba88b4087ec4740286f8fe4d87
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json	38fa755c2d5295a71ac709b87b7a9eb207ebc92dba982664343da0ce5c5cc490	0db672f7d44cb0c859c87cec81d1e9fd9329e37d
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json	4d1b802b7813da12c07e6bb90b84082e1601217543c5e8ca3194745c26f855a1	af16e0c1076add75f60c9efc1350fa16f794ff69
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z.json	5e25cf14d3d9e4eff5dc1d23e1486ba1d9a08fe00b6b2ef70020d718d2c04c80	ecd2de218d958f359e2f9df0ccf132f502e462ba
audit_log_SENTINFRA-LOG012_20250720T013315.075405Z.json	7a8054ed0bb14463d55dc3290032406410f8ae3a9b1d6384c2d4f88de862ce67	9ab059c573469aa0961a3f32920705bb72d82f14
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json	25b2998d5670002ef237ab84ed4593552e89ff3f3a357b84c8c3096145d5c92c	ca874197a16e9fa00931001f103be701e0d26fcfa
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json	5f0e0dfcb307df334feab7e00804360751ae5354cd5b64fe26f4cdf3337ef1e4	3da18c1a2c183ca24277b8d8047fd52b83a74ea3
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z.json	a63fd45a49625edf2f4038b9f6e6ed1114a25ccbf5b64fe26f4cdf3337ef1e4	8df7e6b07b4015f5e331259cd4aea9f33cdf2866cdf545e5ac0ae0f6fc70c68
audit_log_SENTINFRA-LOG015_20250720T024034.238954Z.json	48eaf1c98d7d7a2bfff6efacf74f05c8fafde33c8	f82bf2515af3ae5d294bb38e3dfc765d2230b10e5548f77ee8dc1864b88ad30c
audit_log_SENTINFRA-SESS001_20250721T030320.457909Z.json	96d7266627fdadbe750a386daa82c238f9e5bacb3f93eda4f6da3f58d9dc3074	e181b923d572b255ad96f1df58c6d6e6976dc74a
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z.json	14359d685e1c149212d9d289b8f91de307bc9698	ad7580334d2728f6707f87b26ad524560b10a088e38ec7be49ccb910b6ece756
audit_log_SENTINFRA-LOG016_20250728T032642.949640Z.json	9e5b69719c349af90c94bab19e545ab132da1bb2	fe27bc08ec39e1cfccf410650fcf57c216480954d8334ffccf0d33764ee227522
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z.json	9d7a7f085c2cc756620592e3137fa11bb54fea83	7f9936f9ff4ac3099c3e07d43fa485278fb842971a0eda50e4f1690c5c56283f
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z.json	f7055f4a29b6b0397d09bf991970134508f7f0a8	

Exported summary to: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies/hash_audit_report.csv

rosmontos@mac Sentinel3.1_public_tools_testing %

Name		Date Modified	Size	Kind
> DropV1.0		18 Jul 2025 at 1:56 pm	--	Folder
> DropV2.0		Today at 8:01 am	--	Folder
Ordinal_01_June16_25_Ai-Human Synergy™ Execution of a Systematic Review and Meta-Analysis of Cardiac Structure and Function in Preterm-Born Individuals Under Sentinel Protocol v3.0.pdf		29 Jun 2025 at 1:29 pm	512 KB	PDF Document
Ordinal_02_June19_25_System and Method for Mandatory Human-Supervised Ai-Human Synergy™ Audit Logging Using Multi-Layer Blockchain Anchoring, Cryptographic Chain Validation, and Real-Time Ethics Enforcement.pdf		29 Jun 2025 at 1:38 pm	1.1 MB	PDF Document
Ordinal_03_June26_25_MVP-1 Multi-Entity Bitcoin Audit Anchor Final Ordinal Inscription – Sentinel Protocol v3.0 Ai-Human Synergy™ Execution Mode.pdf		29 Jun 2025 at 1:39 pm	798 KB	PDF Document
Ordinal_05_july.30.25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_FINAL_METADATA__20250729T212151.538870Z.pdf		30 Jul 2025 at 7:17 am	2.1 MB	PDF Document
Ordinal_06_july.30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3_FINAL_METADATA__20250801T002528.245478Z.pdf		1 Aug 2025 at 10:23 am	836 KB	PDF Document
Ordinal_04_June27_25_The world's first auditable Ai-Human Synergy™ infrastructure with enforced ethics, cryptographic proof, and Bitcoin anchoring.pdf		27 Jun 2025 at 1:52 pm	1.2 MB	PDF Document
> Sentinel_Protocol_v3.1		Today at 8:21 am	--	Folder
audit_pdfs		Today at 8:06 am	--	Folder
Ordinal_05_july.30.25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_FINAL_METADATA__20250729T212151.538870Z.pdf		30 Jul 2025 at 7:17 am	2.1 MB	PDF Document
hashes		Today at 8:05 am	--	Folder
> METAVAL		Yesterday at 5:20 pm	--	Folder
> SENTINFRA		Yesterday at 5:20 pm	--	Folder
logs		Yesterday at 5:09 pm	--	Folder
audit_logs		Yesterday at 10:49 am	--	Folder
> METAVAL-SESS001_AUDIT		19 Jul 2025 at 7:06 am	--	Folder
> METAVAL-SESS009_AUDIT		19 Jul 2025 at 7:08 am	--	Folder
> SENTINFRA-SESS001_AUDIT		19 Jul 2025 at 8:15 am	--	Folder
frozen_sources		Today at 8:05 am	--	Folder
> METAVAL		Yesterday at 4:14 pm	--	Folder
> SENTINFRA		Yesterday at 4:15 pm	--	Folder
session_logs		Today at 8:05 am	--	Folder
> METAVAL		Yesterday at 5:09 pm	--	Folder
> SENTINFRA		Yesterday at 5:10 pm	--	Folder
metadata		Today at 8:22 am	--	Folder
Anchors_SentinelProtocolv3.1_Ai-Human Synergy™_Bitcoin_Blockchain.md		Yesterday at 4:51 pm	11 KB	Visual...ocument
OP_Return_anchors		Today at 8:04 am	--	Folder
> METAVAL		Yesterday at 3:56 pm	--	Folder
> Multi-Entity		Yesterday at 5:43 pm	--	Folder
> SENTINFRA		Yesterday at 3:56 pm	--	Folder
ORDINALS		Yesterday at 5:59 pm	--	Folder
Ordinal_01_June16_25_Sentinel Protocol v3.0 – Ai-Human Synergy™ Protocol Proof_36068bec1f6e7b9d38a89e445a1b380ea749c2e9af2a1d61a46dda04091be803.md		Yesterday at 4:41 pm	1 KB	Visual...ocument
Ordinal_02_June19_25_CDA AI Immutable Audit Ledger Technology Sentinel Protocol v3.0 – Patent Pending Confirmation_b233578055bb5412b0a478c99811fc692839be4f418b26bbbb1b37c2a02b243a.md		Yesterday at 4:56 pm	10 KB	Visual...ocument
Ordinal_03_June26_25_MVP-1 Multi-Entity Bitcoin Audit Anchor_22e929af992dc5861405b0900f9a42af17d531195ed39153018755d8cdccfa2.md		Yesterday at 4:57 pm	7 KB	Visual...ocument
Ordinal_04_June27_25_The world's first auditable Ai-Human Synergy™ infrastructure with enforced ethics, cryptographic proof, and Bitcoin anchoring_9e70b9510ce64ed53ee5565a114fe96a79b59058499efa1fa400c1155d490986.md		Yesterday at 4:57 pm	16 KB	Visual...ocument
Ordinal_05_July30_25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_ae198274a00abbb8296a3b9412e6fd3a62360bcf062e000fa2908d8f3b90e803.md		Yesterday at 5:01 pm	26 KB	Visual...ocument
Ordinal_05METADATA_July29_25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_f8164783eb1db621f4da787dd6d2258f4cdaeb80daecbfde47dbbb706cddd332.md		Yesterday at 4:43 pm	231 KB	Visual...ocument
Ordinal_06_July30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3.md		Yesterday at 4:41 pm	6 KB	Visual...ocument
ots		Today at 8:04 am	--	Folder
> METAVAL		Yesterday at 5:21 pm	--	Folder
> SENTINFRA		Yesterday at 5:21 pm	--	Folder
tools		Today at 8:19 am	--	Folder
dualhasher_public_sentinel.py		Today at 8:13 am	2 KB	Python script
extract_hashes.py		13 Jul 2025 at 2:09 pm	1 KB	Python script
Ordinal_06_July30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3.md		Yesterday at 4:41 pm	6 KB	Visual...ocument
Ordinal_06_July30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3.txt		Yesterday at 4:41 pm	6 KB	text
verify_dualhash.py		Yesterday at 5:57 pm	358 bytes	Python script
valis_batch		Today at 8:04 am	--	Folder

Last login: Sun Aug 3 08:44:00 on ttys001
[rosmontos@mac ~ % cd "/Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing"
[rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py
█ Enter full path to directory containing `.hash` and `*.2ha` files:
>>> /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies

✓ Extracted Hash Summary:

Filename	SHA256
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json	35c82f242ab20b3c20c8d9dd48ba31d78061275d2465893da7a4ee25739fd5
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z.json	bd18c93b06335a05d4fb0a7c21714f5fb1f33057a2c45607c28b038dac9c
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z.json	7d7ae96f656488eef806a1de5a955e2c2a8c74283357c370e11ae43eece238
audit_log_SENTINFRA-LOG014_20250720T021849.138963Z.json	cf6413bee1fc7cc6c8b35460620a09b3811924ed1f0dd20aa29b8a83158063
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json	a9c200d700c613149c6a7e99690a9287d869dc547f73d17fef7910be27e1ae
audit_log_SENTINFRA-LOG019_20250728T032727.445123Z.json	6e99740f6c871f0fc3c2cd4c260fb3c35e2d9cd7a9289a57779f9a926edabf
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z.json	3b778b0159baae1cb2d50ba10a3597d4fac49594d90660ef09ad61cc07f5ad
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json	9ac07d545c8ab5603553fdb7783fc65ff70c19295b76e27cb04929838a635a
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json	f1aad6c24b361afdb540ab8827a703ba8746e1c57b9652da0dc77433649a6a
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z.json	3cebe32bff9e5062886300f42f4b09e3ab9e0f33fa18c0556cbf355cdc1246
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json	e4e56dc8e083167691f6abeb8a2a7b781fea7557a282162a88f84d4d1d169b
audit_log_SENTINFRA-LOG013_20250720T020423.154072Z.json	b0205a3bd0ae764fa6133f347c82a1cce187119dd5adaf47b6b3d82b6ea9dd
audit_log_SENTINFRA-LOG018_20250728T032714.949792Z.json	195cea7a1834831b859fbbe891d59c9b5e94e6144dd5c260e8ac54cf602d45
audit_log_SENTINFRA-LOG020_20250728T032738.625875Z.json	281892f60f240e05d17c7cf3b6628b6ee9ded640f1fa210eb4fe3245dec21e
audit_log_SENTINFRA-LOG017_20250728T032702.256334Z.json	b106b8ec7202b213f3324aab5ed922b585ecc10d960df6e9992daa68d52dea
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z.json	f69905003d1fec395cae59947a9337e4e6ad0b4be5f121eb5faaa91574cae8
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z.json	aa102fa0fbcd3abe9b9b208407554188af822c0deaa3698e4c6694445bce2b
audit_log_SENTINFRA-LOG021_20250728T032800.504091Z.json	c34c893f48ba12cd7e329a0b8bf2afb06f139d30892d6e534082f126afffcfa
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json	38fa755c2d5295a71ac709b87b7a9eb207ebc92dba982664343da0ce5c5cc4
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json	4d1b802b7813da12c07e6bb90b84082e1601217543c5e8ca3194745c26f855
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z.json	5e25cf14d3d9e4eff5dc1d23e1486ba1d9a08fe00b6b2ef70020d718d2c04c
audit_log_SENTINFRA-LOG012_20250720T013315.075405Z.json	7a8054ed0bb14463d55dc3290032406410f8ae3a9b1d6384c2d4f88de862ce
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json	25b2998d5670002ef237ab84ed4593552e89ff3f3a357b84c8c3096145d5c9
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json	5f0e0dfcb307df334feab7e00804360751ae5354cd5b64fe26f4cdf3337ef1
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z.json	a63fd45a49625edf2f4038b9f6e6ed1114a25ccbf9ba6c6b1aca33f8a343ee
audit_log_SENTINFRA-LOG015_20250720T024034.238954Z.json	8df7e6b07b4015f5e331259cd4aeaa9f33cdf2866cdf545e5ac0ae0f6fc70c
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z.json	f82bf2515af3ae5d294bb38e3dfc765d2230b10e5548f77ee8dc1864b88ad3
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z.json	96d7266627fdadbe750a386daa82c238f9e5bacb3f93eda4f6da3f58d9dc30
audit_log_SENTINFRA-LOG016_20250728T032642.949640Z.json	ad7580334d2728f6707f87b26ad524560b10a088e38ec7be49ccb910b6ece7
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z.json	fe27bc08ec39e1cfccf410650fcf57c216480954d8334ffccf0d33764ee2275
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z.json	7f9936f9ff4ac3099c3e07d43fa485278fb842971a0eda50e4f1690c5c5628

Exported summary to: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies/har
rosmontos@mac Sentinel3.1_public_tools_testing %

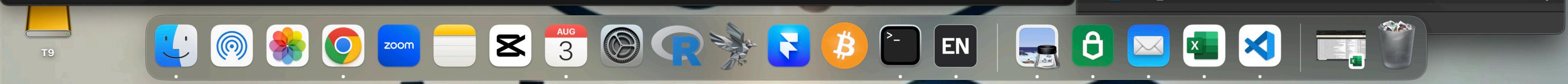
Exported summary to: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFLA/dualhash_verification_copies/hash_audit_report.csv
rosmontos@mac Sentinel3.1_public_tools_testing %

hash_audit_report

Possible Data Loss Some features might be lost if you save this workbook in the comma-delimited (.cs...)

	A	B	C	D	E	F	G	H
1	Filename	SHA256	RIPEMD160					
2	audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json	35c82f242ab	1608433eafa81cdc8cdc5a5381e9c06e1740e87d					
3	audit_log_SENTINFRA-LOG005_20250719T072638.828774Z.json	bd18c93b06	99f102c3f2e654d3e45dc813bf296277170443f8					
4	audit_log_SENTINFRA-LOG006_20250719T072655.317458Z.json	7d7ae96f656	74bd86628f762c5de4a2ce1b783b78482de96bca					
5	audit_log_SENTINFRA-LOG014_20250720T021849.138963Z.json	cf6413bee1f	9c29d3e2af96ce129cbf5e83e7a772be58ef8461					
6	audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json	a9c200d700	fe97cdbb2c2aef718f5e5a98244d569f651fa833					
7	audit_log_SENTINFRA-LOG019_20250728T032727.445123Z.json	6e99740f6c8	8fa328c85f5f9aa30ce3ebf6690e01351aaa6288					
8	audit_log_SENTINFRA-LOG009_20250719T072753.023026Z.json	3b778b01591	d7b7bf96cc7e02876853c2d3dd81f83c95d4b1cc					
9	audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json	9ac07d545c8	ce6acb25c23ab250504145cfaf657d292f639a24f					
10	audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json	f1aad6c24b3	ea3a8f156273cf1ee696f8aee525c15b0910617c					
11	audit_log_SENTINFRA-LOG003_20250719T072600.0779077Z.json	3cebe32hffa	987cf9cc669500dc1b179d86eaacd8c41178chd3e					

Name	Date Modified
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json.gz	Today at 10:55
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json.hash	Today at 10:55
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json.2ha	Today at 10:55
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json.hash	Today at 10:55
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z.json.2ha	Today at 10:55
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z.json.hash	Today at 10:55
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json.2ha	Today at 10:55
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json.hash	Today at 10:55
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json.2ha	Today at 10:55
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json.hash	Today at 10:55
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json.2ha	Today at 10:55
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json.hash	Today at 10:55
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json.2ha	Today at 10:55
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json.hash	Today at 10:55
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json.2ha	Today at 10:55
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json.hash	Today at 10:55
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json.2ha	Today at 10:55
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json.hash	Today at 10:55
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json.2ha	Today at 10:55
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json.hash	Today at 10:55
hash_audit_report.csv	Today at 10:55
frozen_sources	Today at 10:55



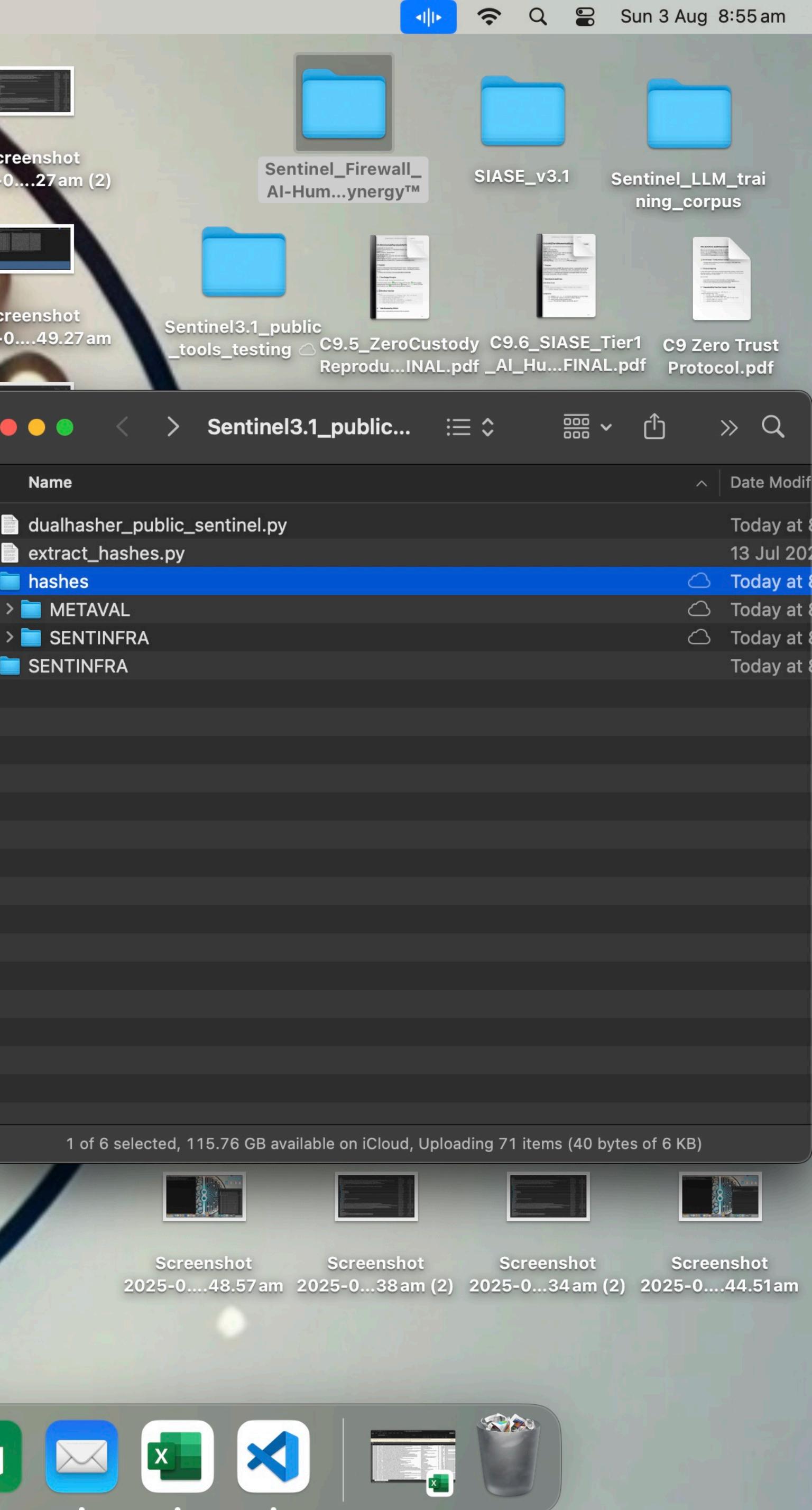
Name		Date Modified	Size	Kind
> DropV1.0		18 Jul 2025 at 1:56 pm	--	Folder
> DropV2.0		Today at 8:01 am	--	Folder
Ordinal_01_June16_25_Ai-Human Synergy™ Execution of a Systematic Review and Meta-Analysis of Cardiac Structure and Function in Preterm-Born Individuals Under Sentinel Protocol v3.0.pdf		29 Jun 2025 at 1:29 pm	512 KB	PDF Document
Ordinal_02_June19_25_System and Method for Mandatory Human-Supervised Ai-Human Synergy™ Audit Logging Using Multi-Layer Blockchain Anchoring, Cryptographic Chain Validation, and Real-Time Ethics Enforcement.pdf		29 Jun 2025 at 1:38 pm	1.1 MB	PDF Document
Ordinal_03_June26_25_MVP-1 Multi-Entity Bitcoin Audit Anchor Final Ordinal Inscription – Sentinel Protocol v3.0 Ai-Human Synergy™ Execution Mode.pdf		29 Jun 2025 at 1:39 pm	798 KB	PDF Document
Ordinal_05_july.30.25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_FINAL_METADATA__20250729T212151.538870Z.pdf		30 Jul 2025 at 7:17 am	2.1 MB	PDF Document
Ordinal_06_july.30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3_FINAL_METADATA__20250801T002528.245478Z.pdf		1 Aug 2025 at 10:23 am	836 KB	PDF Document
Ordinal_04_June27_25_The world's first auditable Ai-Human Synergy™ infrastructure with enforced ethics, cryptographic proof, and Bitcoin anchoring.pdf		27 Jun 2025 at 1:52 pm	1.2 MB	PDF Document
> Sentinel_Protocol_v3.1		Today at 8:21 am	--	Folder
audit_pdfs		Today at 8:06 am	--	Folder
Ordinal_05_july.30.25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_FINAL_METADATA__20250729T212151.538870Z.pdf		30 Jul 2025 at 7:17 am	2.1 MB	PDF Document
hashes		Today at 8:05 am	--	Folder
> METAVAL		Yesterday at 5:20 pm	--	Folder
> SENTINFRA		Yesterday at 5:20 pm	--	Folder
logs		Yesterday at 5:09 pm	--	Folder
audit_logs		Yesterday at 10:49 am	--	Folder
> METAVAL-SESS001_AUDIT		19 Jul 2025 at 7:06 am	--	Folder
> METAVAL-SESS009_AUDIT		19 Jul 2025 at 7:08 am	--	Folder
> SENTINFRA-SESS001_AUDIT		19 Jul 2025 at 8:15 am	--	Folder
frozen_sources		Today at 8:05 am	--	Folder
> METAVAL		Yesterday at 4:14 pm	--	Folder
> SENTINFRA		Yesterday at 4:15 pm	--	Folder
session_logs		Today at 8:05 am	--	Folder
> METAVAL		Yesterday at 5:09 pm	--	Folder
> SENTINFRA		Yesterday at 5:10 pm	--	Folder
metadata		Today at 8:22 am	--	Folder
Anchors_SentinelProtocolv3.1_Ai-Human Synergy™_Bitcoin_Blockchain.md		Yesterday at 4:51 pm	11 KB	Visual...ocument
OP_Return_anchors		Today at 8:04 am	--	Folder
> METAVAL		Yesterday at 3:56 pm	--	Folder
> Multi-Entity		Yesterday at 5:43 pm	--	Folder
> SENTINFRA		Yesterday at 3:56 pm	--	Folder
ORDINALS		Yesterday at 5:59 pm	--	Folder
Ordinal_01_June16_25_Sentinel Protocol v3.0 – Ai-Human Synergy™ Protocol Proof_36068bec1f6e7b9d38a89e445a1b380ea749c2e9af2a1d61a46dda04091be803.md		Yesterday at 4:41 pm	1 KB	Visual...ocument
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Ordinal_04_June27_25_The world's first auditable Ai-Human Synergy™ infrastructure with enforced ethics, cryptographic proof, and Bitcoin anchoring_9e70b9510ce64ed53ee5565a114fe96a79b59058499efa1fa400c1155d490986.md		Yesterday at 4:57 pm	16 KB	Visual...ocument
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Ordinal_05METADATA_July29_25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_f8164783eb1db621f4da787dd6d2258f4cdaeb80daecbfde47dbbb706cddd332.md		Yesterday at 4:43 pm	231 KB	Visual...ocument
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ots		Today at 8:04 am	--	Folder
> METAVAL		Yesterday at 5:21 pm	--	Folder
> SENTINFRA		Yesterday at 5:21 pm	--	Folder
tools		Today at 8:19 am	--	Folder
dualhasher_public_sentinel.py		Today at 8:13 am	2 KB	Python script
extract_hashes.py		13 Jul 2025 at 2:09 pm	1 KB	Python script
Ordinal_06_July30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3.md		Yesterday at 4:41 pm	6 KB	Visual...ocument
Ordinal_06_July30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3.txt		Yesterday at 4:41 pm	6 KB	text
verify_dualhash.py		Yesterday at 5:57 pm	358 bytes	Python script
valis_batch		Today at 8:04 am	--	Folder

Last login: Sun Aug 3 08:44:00 on ttys001
rosmontos@mac ~ % cd "/Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing"
rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py
Enter full path to directory containing `.hash` and `.2ha` files:
>>> /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies

Extracted Hash Summary:

Filename	SHA256	RIPEMD160
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json	35c82f242ab20b3c820c8d9dd48ba31d78061275d2465893da7a4ee25739fd5a5	1608433eafa81cdc8cdc5a5381e9c06e1740e87d
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z.json	bd18c93b06335a05d4fb0a7c21714f5fbd1f33057a2c45607c28b038dac9c04	99f102c3f2e654d3e45dc813bf296277170443f8
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z.json	7d7ae96f656488eef806a1de5a955e2c2a8c74283357c370e11ae43eece238ff	74bd86628f762c5de4a2ce1b783b78482de96bca
audit_log_SENTINFRA-LOG014_20250720T021849.138963Z.json	cf6413bee1fc7cc6c8b35460620a09b3811924ed1f0dd20aa29b8a831580631d	9c29d3e2af96ce129cbf5e83e7a772be58ef8461
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json	a9c200d700c613149c6a7e99690a9287d869dc547f73d17fef7910be27e1ae42	fe97cdbb2c2aeef718f5e5a98244d569f651fa833
audit_log_SENTINFRA-LOG019_20250728T032727.445123Z.json	6e99740f6c871f0fc3c2cd4c260fb3c35e2d9cd7a9289a57779f9a926edabf5a	8fa328c85f5f9aa30ce3ebf6690e01351aaa6288
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z.json	3b778b0159baae1cb2d50ba10a3597d4fac49594d90660ef09ad61cc07f5adcf	d7b7bf96cc7e02876853c2d3dd81f83c95d4b1cc
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json	9ac07d545c8ab5603553fdb7783fc65ff70c19295b76e27cb04929838a635ae9	c6eacb25c23ab250504145cfa657d292f639a24f
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json	f1aad6c24b361afdb540ab8827a703ba8746e1c57b9652da0dc77433649a6ac0	ea3a8f156273cf1ee696f8aee525c15b0910617c
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z.json	3cebe32bff9e5062886300f42f4b09e3ab9e0f33fa18c0556cbf355cdc12467e	987cf9cc669500dc1b179d86eaacd8c4178cbd3e
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json	e4e56dc8e083167691f6abeb8a2a7b781fea7557a282162a88f84d4d1d169b3b	232f98b38f50d7571cdc4786b3628a7fa413c4be
audit_log_SENTINFRA-LOG013_20250720T020423.154672Z.json	b0205a3bd0ae764a6133f347c82a1cce187119dd5adaf47b6b3d82b6ea9ddff	ac17a1cf3b4356acc7c61dab91ea03b1f8466a3c
audit_log_SENTINFRA-LOG018_20250728T032714.949792Z.json	195cea7a1834381b859fbbe891d59c9b5e94e6144dd5c260e8ac54fc602d45cc	5aa30f039b5083f08f0ea280e743831c355fd123
audit_log_SENTINFRA-LOG020_20250728T032738.625875Z.json	281892f60f240e05d17c7cf3b6628b6ee9ded640f1fa210e4f3245dec1e78	aa71bb1611fce96cdf60137f21b1b7649b5ade32
audit_log_SENTINFRA-LOG017_20250728T032702.256334Z.json	b106b8ec7202b213f3324aaaf5ed922b585ecc10d960df6e9992daa68d52dea74	f5cb3b67020d9453c75ccf99b762062fa4af3368
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z.json	f69905003d1fec395cae59947a9337e4e6ad0b4be5f121eb5faaa91574cae842	74a9716ef7d0ce3ab685f9ebf981bb12e5def2f6
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z.json	aa102fa0fbcd3abe9b9b208407554188af822c0deaa3698e4c6694445bce2bae	31fc60a38346464f27f32af3e1c9b55b2c0d8bf8
audit_log_SENTINFRA-LOG021_20250728T032800.504091Z.json	c34c893f48ba12cd7e329a0b8bf2afb0f139d30892d6e534082f126affcfac3	2ef1d0d0c7cbc0ba88b4087ec4740286f8fe4d87
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json	38fa755c2d5295a71ac709b87b7a9eb207ebc92dba982664343da0ce5c5cc490	0db672f7d44cb0c859c87cec81d1e9fd9329e37d
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json	4d1b802b7813da12c07e6bb90b84082e1601217543c5e8ca3194745c26f855a1	a16e0c1076add75f60c9efc1350fa16f794ff69
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z.json	5e25cf14d3d9e4eff5dc1d23e1486ba1d9a08fe00b6b2ef70020d718d2c04c80	ecd2de18d958f359e2f9df0ccf132f502e462ba
audit_log_SENTINFRA-LOG012_20250720T013315.075405Z.json	7a8054ed0bb14463d55dc3290032406410f8ae3a9b1d6384c2d4f88de862ce67	9ab059c573469aa0961a3f32920705bb72d82f14
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json	25b2998d5670002f237ab84ed4593552e89ff3f3a357b84c8c3096145d5c92c	ca874197a16e9fa00931001f103be701e0d26fc4
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json	5f0e0dfcb307df334feab7e00804360751ae5354cd5b64fe26f4cdf3337ef1e4	3da18c1a2c183ca24277b8d8047fd52b83a74ea3
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z.json	a63fd45a49625edf2f4038b9f6e6ed1114a25ccb9ba6c6b1aca33f8a343ee7c	b4c7dff3735665f5a2296cf971d0b31c1f225594
audit_log_SENTINFRA-LOG015_20250720T024034.238954Z.json	8df7e6b07b4015f5e331259cd4aeaa9f33cdf2866cdf545e5ac0ae0f6fc70c68	48eaf1c98d7d7a2bfff6efacf74f05c8fafde33c8
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z.json	f82bf2515af3ae5d294bb38e3dfc765d2230b10e5548f77ee8dc1864b88ad30c	e181b923d572b255ad96f1df58c6d6e6976dc74a
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z.json	96d7266627fdadbe750a386daa82c238f9e5bacb3f93eda4f6da3f58d9dc3074	14359d685e1c149212d9d289b8f91de307bc9698
audit_log_SENTINFRA-LOG016_20250728T032642.949640Z.json	ad7580334d2728f6707f87b26ad524560b10a088e38ec7be49ccb910b6ece756	e95b69719c349af90c94bab19e545ab132da1bb2
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z.json	fe27bc08ec39e1cfccf410650fcf57c21648095408334ffccf0d33764ee227522	9d7a7f085c2cc756620592e3137fa11bb54fea83
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z.json	f79936f9ff4ac3099c3e07d43fa485278fb842971a0eda50e4f1690c5c56283f	f7055f4a29b6b0397d09bf991970134508f7f0a8

Exported summary to: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies/hash_audit_report.csv



Name		Date Modified	Size	Kind
> DropV1.0		18 Jul 2025 at 1:56 pm	--	Folder
> DropV2.0		Today at 8:01 am	--	Folder
Ordinal_01_June16_25_Ai-Human Synergy™ Execution of a Systematic Review and Meta-Analysis of Cardiac Structure and Function in Preterm-Born Individuals Under Sentinel Protocol v3.0.pdf		29 Jun 2025 at 1:29 pm	512 KB	PDF Document
Ordinal_02_June19_25_System and Method for Mandatory Human-Supervised Ai-Human Synergy™ Audit Logging Using Multi-Layer Blockchain Anchoring, Cryptographic Chain Validation, and Real-Time Ethics Enforcement.pdf		29 Jun 2025 at 1:38 pm	1.1 MB	PDF Document
Ordinal_03_June26_25_MVP-1 Multi-Entity Bitcoin Audit Anchor Final Ordinal Inscription – Sentinel Protocol v3.0 Ai-Human Synergy™ Execution Mode.pdf		29 Jun 2025 at 1:39 pm	798 KB	PDF Document
Ordinal_05_july.30.25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_FINAL_METADATA__20250729T212151.538870Z.pdf		30 Jul 2025 at 7:17 am	2.1 MB	PDF Document
Ordinal_06_july.30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3_FINAL_METADATA__20250801T002528.245478Z.pdf		1 Aug 2025 at 10:23 am	836 KB	PDF Document
Ordinal_04_June27_25_The world's first auditable Ai-Human Synergy™ infrastructure with enforced ethics, cryptographic proof, and Bitcoin anchoring.pdf		27 Jun 2025 at 1:52 pm	1.2 MB	PDF Document
> Sentinel_Proto..._v3.1		Today at 8:21 am	--	Folder
> audit_pdfs		Today at 8:06 am	--	Folder
Ordinal_05_july.30.25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_FINAL_METADATA__20250729T212151.538870Z.pdf		30 Jul 2025 at 7:17 am	2.1 MB	PDF Document
> hashes		Today at 8:05 am	--	Folder
> METAVAL		Yesterday at 5:20 pm	--	Folder
> SENTINFRA		Yesterday at 5:20 pm	--	Folder
> logs		Yesterday at 5:09 pm	--	Folder
> audit_logs		Yesterday at 10:49 am	--	Folder
METAVAL-SESS001_AUDIT		19 Jul 2025 at 7:06 am	--	Folder
METAVAL-SESS009_AUDIT		19 Jul 2025 at 7:08 am	--	Folder
SENTINFRA-SESS001_AUDIT		19 Jul 2025 at 8:15 am	--	Folder
> frozen_sources		Today at 8:05 am	--	Folder
METAVAL		Yesterday at 4:14 pm	--	Folder
SENTINFRA		Yesterday at 4:15 pm	--	Folder
> session_logs		Today at 8:05 am	--	Folder
METAVAL		Yesterday at 5:09 pm	--	Folder
SENTINFRA		Yesterday at 5:10 pm	--	Folder
> metadata		Today at 8:22 am	--	Folder
Anchors_SentinelProtocolv3.1_Ai-Human Synergy™_Bitcoin_Blockchain.md		Yesterday at 4:51 pm	11 KB	Visual...ocument
> OP_Return_anchors		Today at 8:04 am	--	Folder
> METAVAL		Yesterday at 3:56 pm	--	Folder
> Multi-Entity		Yesterday at 5:43 pm	--	Folder
> SENTINFRA		Yesterday at 3:56 pm	--	Folder
> ORDINALS		Yesterday at 5:59 pm	--	Folder
Ordinal_01_June16_25_Sentinel Protocol v3.0 – Ai-Human Synergy™ Protocol Proof_36068bec1f6e7b9d38a89e445a1b380ea749c2e9af2a1d61a46dda04091be803.md		Yesterday at 4:41 pm	1 KB	Visual...ocument
Ordinal_02_June19_25_CDA AI Immutable Audit Ledger Technology Sentinel Protocol v3.0 – Patent Pending Confirmation_b233578055bb5412b0a478c99811fc692839be4f418b26bbbb1b37c2a02b243a.md		Yesterday at 4:56 pm	10 KB	Visual...ocument
Ordinal_03_June26_25_MVP-1 Multi-Entity Bitcoin Audit Anchor_22e929af992dc5861405b0900f9a42af17d531195ed39153018755d8cdccfa2.md		Yesterday at 4:57 pm	7 KB	Visual...ocument
Ordinal_04_June27_25_The world's first auditable Ai-Human Synergy™ infrastructure with enforced ethics, cryptographic proof, and Bitcoin anchoring_9e70b9510ce64ed53ee5565a114fe96a79b59058499efa1fa400c1155d490986.md		Yesterday at 4:57 pm	16 KB	Visual...ocument
Ordinal_05_July30_25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_ae198274a00abbb8296a3b9412e6fd3a62360bcf062e000fa2908d8f3b90e803.md		Yesterday at 5:01 pm	26 KB	Visual...ocument
Ordinal_05METADATA_July29_25_SENTINFRA-SESS1_Sentinel Protocol v3.1 Infrastructure Pre-Public Deployment Audit Log_f8164783eb1db621f4da787dd6d2258f4cdaeb80daecbfde47dbbb706cddd332.md		Yesterday at 4:43 pm	231 KB	Visual...ocument
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> ots		Today at 8:04 am	--	Folder
> METAVAL		Yesterday at 5:21 pm	--	Folder
> SENTINFRA		Yesterday at 5:21 pm	--	Folder
> tools		Today at 8:19 am	--	Folder
dualhasher_public_sentinel.py		Today at 8:13 am	2 KB	Python script
extract_hashes.py		13 Jul 2025 at 2:09 pm	1 KB	Python script
Ordinal_06_July30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3.md		Yesterday at 4:41 pm	6 KB	Visual...ocument
Ordinal_06_July30.25_Public_Verification_Guide_e11022c0ae5b6d603a815e17eeb3af2573cf3cf0ca4f5372da7b63b04dc7ebe3.txt		Yesterday at 4:41 pm	6 KB	text
verify_dualhash.py		Yesterday at 5:57 pm	358 bytes	Python script

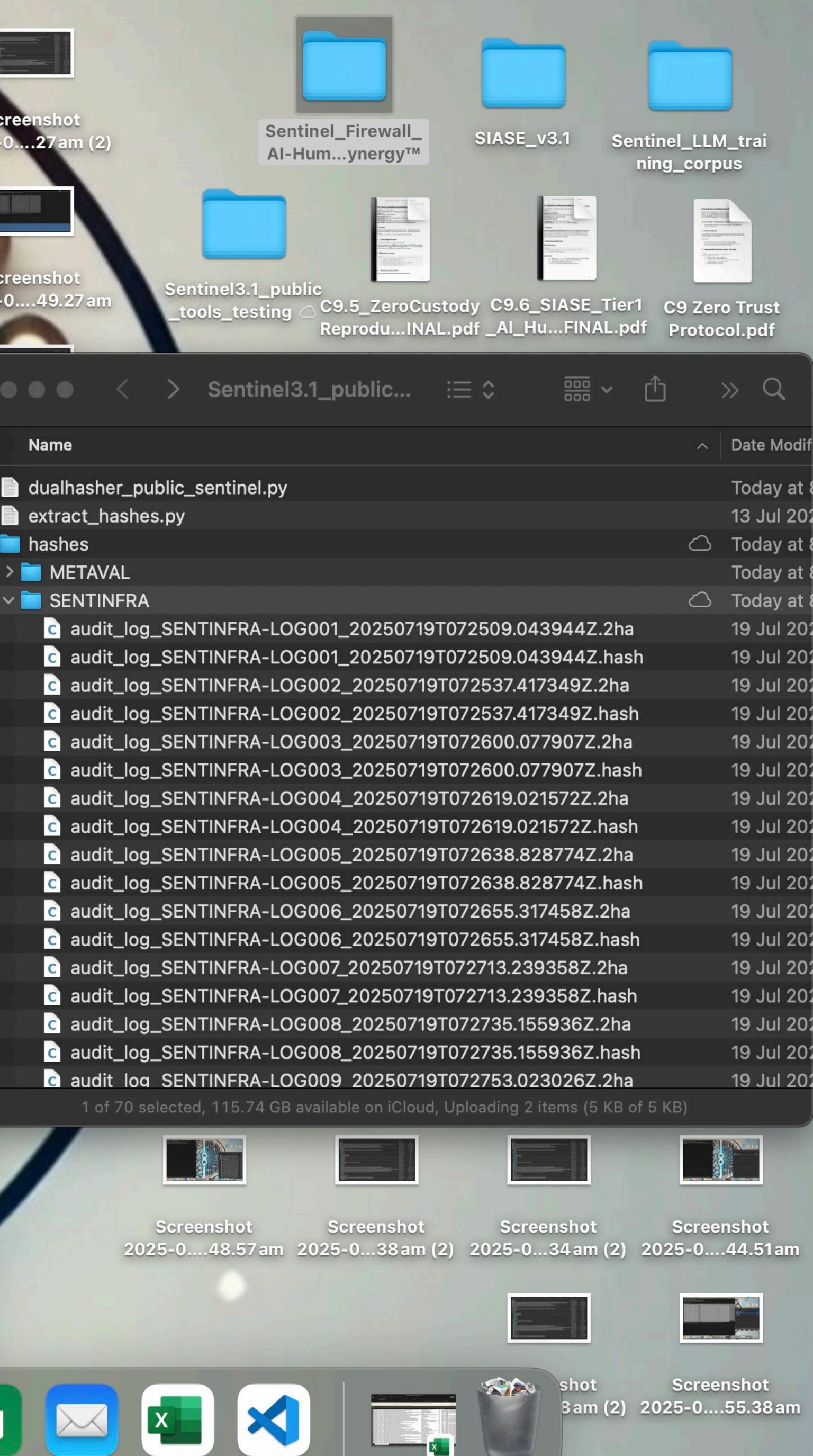
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audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json
audit_log_SENTINFRA-LOG013_20250720T020423.154072Z.json
audit_log_SENTINFRA-LOG018_20250728T032714.949792Z.json
audit_log_SENTINFRA-LOG020_20250728T032738.625875Z.json
audit_log_SENTINFRA-LOG017_20250728T032702.256334Z.json
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z.json
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z.json
audit_log_SENTINFRA-LOG021_20250728T032800.504091Z.json
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z.json
audit_log_SENTINFRA-LOG012_20250720T013315.075405Z.json
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z.json
audit_log_SENTINFRA-LOG015_20250720T024034.238954Z.json
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z.json
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z.json
audit_log_SENTINFRA-LOG016_20250728T032642.949640Z.json
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z.json
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z.json

Exported summary to: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies/hash_audit_report.csv
rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py
Enter full path to directory containing '.hash' and '.2ha' files:
>>> /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/hashes/SENTINFRA

✓ Extracted Hash Summary:

Filename                               SHA256                                         RIPEMD160
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z
audit_log_SENTINFRA-LOG018_20250728T032714.949792Z
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z
audit_log_SENTINFRA-LOG004_20250719T072655.021572Z
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z
audit_log_SENTINFRA-LOG016_20250728T032642.949640Z
audit_log_SENTINFRA-LOG013_20250720T020423.154072Z
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z
audit_log_SENTINFRA-LOG019_20250728T032727.445123Z
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z
audit_log_SENTINFRA-LOG015_20250720T024034.238954Z
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z
audit_log_SENTINFRA-LOG002_20250719T072637.417349Z
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z
audit_log_SENTINFRA-LOG012_20250720T013315.075405Z
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z
audit_log_SENTINFRA-LOG020_20250728T032738.625875Z
audit_log_SENTINFRA-LOG021_20250728T032800.504091Z
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z
audit_log_SENTINFRA-LOG017_20250728T032702.256334Z
audit_log_SENTINFRA-LOG014_20250720T021849.138963Z
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z

Exported summary to: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/hashes/SENTINFRA/hash_audit_report.csv
rosmontos@mac Sentinel3.1_public_tools_testing %
```



Extracted Hash Summary:

Filename	SHA256	RIPEMD160
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json	35c82f242ab20b3c20c8d9dd48ba31d78061275d2465893da7a4ee25739fd5a5	1608433eafa81cdc8cdc5a5381e9c06e1740e87d
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z.json	bd18c93b06335a05d4fb0a7c21714f5fb1f33057a2c45607c28b038dac9c04	99f102c3f2e654d3e45dc813bf296277170443f8
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z.json	7d7ae96f656488eef806a1de5a955e2c2a8c74283357c370e11ae43eece238ff	74bd86628f762c5de4a2ce1b783b78482de96bca
audit_log_SENTINFRA-LOG014_20250720T021849.138963Z.json	cf6413bee1fc7cc6c8b35460620a09b3811924ed1f0dd20aa29b8a831580631d	9c29d3e2af96ce129cbf5e83e7a772be58ef8461
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json	a9c200d700c613149c6a7e99690a9287d869dc547f73d17fef7910be27e1ae42	fe97cd82c2aef718f5e5a98244d569f651fa833
audit_log_SENTINFRA-LOG019_20250728T032727.445123Z.json	6e99740f6c871f0fc3c2cd4c260fb3c35e2d9cd7a9289a57779f9a926edabf5a	8fa328c85f5f9aa30ce3ebf6690e01351aaa6288
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z.json	3b778b0159baae1cb2d50ba10a3597d4fac49594d90660ef09ad61cc07f5adcf	d7b7bf96cc7e02876853c2d3dd81f83c95d4b1cc
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json	9ac07d545c8ab5603553fdb7783fc65ff70c19295b76e27cb04929838a635ae9	ce6acb25c23ab250504145cf657d292f639a24f
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json	f1aad6c24b361afdb540ab8827a703ba8746e1c57b9652da0dc77433649a6ac0	ea3a8f156273cf1ee696f8aeee525c15b0910617c
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z.json	3cebe32bff9e5062886300f42f4b09e3ab9e0f33fa18c0556cbf355cdc12467e	987cf9cc669500dc1b179d86eaacd8c4178cbd3e
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json	e4e56dc8e083167691f6abeb8a2a7b781fea7557a282162a88f84d4d1d169b3b	232f98b38f50d7571cdc4786b3628a7fa413c4be
audit_log_SENTINFRA-LOG013_20250720T020423.154072Z.json	b0205a3bd0ae764fa6133f347c82a1cce187119dd5adaf47b6b3d82b6ea9dff	ac17a1cf3b4356acc7c61dab91ea03b1f8466a3c
audit_log_SENTINFRA-LOG018_20250728T032714.949792Z.json	195cea7a1834831b859fbb891d59c9b5e94e6144dd5c260e8ac54cf602d45cc	5aa30f039b5083f08f0ea280e743831c355fd123
audit_log_SENTINFRA-LOG020_20250728T032738.625875Z.json	281892f60f240e05d17c7cf3b6628b6ee9ded640f1fa210eb4fe3245dec21e78	aa71bb1611fce96cdf60137f21b1b7649b5ade32
audit_log_SENTINFRA-LOG017_20250728T032702.256334Z.json	b106b8ec7202b213f3324aa5ed922b585ecc10d960df6e9992daa68d52dea74	f5cb3b67020d9453c75ccf99b762062fa4af3368
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z.json	f69905003d1fec395cae59947a9337e4e6ad0b4be5f121eb5faaa91574cae842	74a9716ef7d0ce3ab685f9ebf981bb12e5def2f6
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z.json	aa102fa0fbcd3abe9b9b208407554188af822c0deaa3698e4c6694445bce2bae	31fc60a38346464f27f32af3e1c9b55b2c0d8bf8
audit_log_SENTINFRA-LOG021_20250728T032800.504091Z.json	c34c893f48ba12cd7e329a0b8bf2afb06f139d30892d6e534082f126affcfac3	2ef1d0d0c7cbc0ba88b4087ec4740286f8fe4d87
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json	38fa755c2d5295a71ac709b87b7a9eb207ebc92dba982664343da0ce5c5cc490	0db672f7d44cb0c859c87cec81d1e9fd9329e37d
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json	4d1b802b7813da12c07e6bb90b84082e1601217543c5e8ca3194745c26f855a1	af16e0c1076add75f60c9efc1350fa16f794ff69
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z.json	5e25cf14d3d9e4eff5dc1d23e1486ba1d9a08fe00b6b2ef70020d718d2c04c80	ecd2de218d958f359e2f9df0ccf132f502e462ba
audit_log_SENTINFRA-LOG012_20250720T013315.075405Z.json	7a8054ed0bb14463d55dc3290032406410f8ae3a9b1d6384c2d4f88de862ce67	9ab059c573469aa0961a3f32920705bb72d82f14
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json	25b2998d5670002ef237ab84ed4593552e89ff3f3a357b84c8c3096145d5c92c	ca874197a16e9fa00931001f103be701e0d26fcfa
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json	5f0e0dfcb307df334feab7e00804360751ae5354cd5b64fe26f4cdf3337ef1e4	3da18c1a2c183ca24277b8d8047fd52b83a74ea3
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z.json	a63fd45a49625edf2f4038b9f6e6ed1114a25ccbf9ba6c6b1aca33f8a343ee7c	b4c7dff3735665f5a2296cf971d0b31c1f225594
audit_log_SENTINFRA-LOG015_20250720T024034.238954Z.json	8df7e6b07b4015f5e331259cd4aeaa9f33cdf2866cdf545e5ac0ae0f6fc70c68	48eaf1c98d7d7a2bff6efacf74f05c8fafde33c8
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z.json	f82bf2515af3ae5d294bb38e3dfc765d2230b10e5548f77ee8dc1864b88ad30c	e181b923d572b255ad96f1df58c6d6e6976dc74a
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z.json	96d7266627fdadbe750a386daa82c238f9e5bacb3f93eda4f6da3f58d9dc3074	14359d685e1c149212d9d289b8f91de307bc9698
audit_log_SENTINFRA-LOG016_20250728T032642.949640Z.json	ad7580334d2728f6707f87b26ad524560b10a088e38ec7be49ccb910b6ece756	e95b69719c349af90c94bab19e545ab132da1bb2
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z.json	fe27bc08ec39e1cfcc410650fcf57c216480954d8334ffccf0d33764ee227522	9d7a7f085c2cc756620592e3137fa11bb54fea83
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z.json	7f9936f9ff4ac3099c3e07d43fa485278fb842971a0eda50e4f1690c5c56283f	f7055f4a29b6b0397d09bf991970134508f7f0a8

```
Exported summary to: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies/hash_audit_report.csv  
[rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py  
Enter full path to directory containing `.hash` and `*.2ha` files:  
>>> /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/hashes/SENTINFRA
```

Extracted Hash Summary:

Filename	SHA256	RIPEMD160
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z	4d1b802b7813da12c07e6bb90b84082e1601217543c5e8ca3194745c26f855a1	af16e0c1076add75f60c9efc1350fa16f794ff69
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z	a63fd45a49625edf2f4038b9f6e6ed1114a25ccbf9ba6c6b1aca33f8a343ee7c	b4c7dff3735665f5a2296cf971d0b31c1f225594
audit_log_SENTINFRA-LOG018_20250728T032714.949792Z	195cea7a1834831b859fbbe891d59c9b5e94e6144dd5c260e8ac54cf602d45cc	5aa30f039b5083f08f0ea280e743831c355fd123
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z	a9c200d700c613149c6a7e99690a9287d869dc547f73d17fef7910be27e1ae42	fe97cd8bb2c2aef718f5e5a98244d569f651fa833
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z	38fa755c2d5295a71ac709b87b7a9eb207ebc92dba982664343da0ce5c5cc490	0db672f7d44cb0c859c87cec81d1e9fd9329e37d
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z	9ac07d545c8ab5603553fdb7783fc65ff70c19295b76e27cb04929838a635ae9	ce6acb25c23ab250504145cfa657d292f639a24f
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z	e4e56dc8e083167691f6abeb8a2a7b781fea7557a282162a88f84d4d1d169b3b	232f98b38f50d7571cdc4786b3628a7fa413c4be
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z	aa102fa0fbcd3abe9b9b208407554188af822c0deaa3698e4c6694445bce2bae	31fc60a38346464f27f32af3e1c9b55b2c0d8bf8
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z	fe27bc08ec39e1cfef410650fcf57c216480954d8334ffccf0d33764ee227522	9d7a7f085c2cc756620592e3137fa11bb54fea83
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z	f69905003d1fec395cae59947a9337e4e6ad0b4be5f121eb5faaa91574cae842	74a9716ef7d0ce3ab685f9ebf981bb12e5def2f6
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z	f1aad6c24b361afdb540ab8827a703ba8746e1c57b9652da0dc77433649a6ac0	ea3a8f156273cf1ee696f8aee525c15b0910617c
audit_log_SENTINFRA-LOG016_20250728T032642.949640Z	ad7580334d2728f6707f87b26ad524560b10a088e38ec7be49ccb910b6ece756	e95b69719c349af90c94bab19e545ab132da1bb2
audit_log_SENTINFRA-LOG013_20250720T020423.154072Z	b0205a3bd0ae764fa6133f347c82a1cce187119dd5adaf47b6b3d82b6ea9ddff	ac17a1cf3b4356acc7c61dab91ea03b1f8466a3c
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z	f82bf2515af3ae5d294bb38e3dfc765d2230b10e5548f77ee8dc1864b88ad30c	e181b923d572b255ad96f1df58c6d6e6976dc74a
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z	7d7ae96f656488eef806a1de5a955e2c2a8c74283357c370e11ae43eece238ff	74bd86628f762c5de4a2ce1b783b78482de96bca
audit_log_SENTINFRA-LOG019_20250728T032727.445123Z	6e99740f6c871f0fc3c2cd4c260fb3c35e2d9cd7a9289a57779f9a926edabf5a	8fa328c85f5f9aa30ce3ebf6690e01351aaa6288
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z	3cebe32bff9e5062886300f42f4b09e3ab9e0f33fa18c0556cbf355cdc12467e	987cf9cc669500dc1b179d86eaacd8c4178cbd3e
audit_log_SENTINFRA-LOG015_20250720T024034.238954Z	8df7e6b07b4015f5e331259cd4aeaa9f33cdf2866cdf545e5ac0ae0f6fc70c68	48eaf1c98d7d7a2bff6efacf74f05c8fafde33c8
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z	25b2998d5670002ef237ab84ed4593552e89ff3f3a357b84c8c3096145d5c92c	ca874197a16e9fa00931001f103be701e0d26fca
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z	3b778b0159baae1cb2d50ba10a3597d4fac49594d90660ef09ad61cc07f5adcf	d7b7bf96cc7e02876853c2d3dd81f83c95d4b1cc
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z	7f9936f9ff4ac3099c3e07d43fa485278fb842971a0eda50e4f1690c5c56283f	f7055f4a29b6b0397d09bf991970134508f7f0a8
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z	35c82f242ab20b3c20c8d9dd48ba31d78061275d2465893da7a4ee25739fd5a5	1608433eafa81cdc8cdc5a5381e9c06e1740e87d
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z	5e25cf14d3d9e4eff5dc1d23e1486ba1d9a08fe00b6b2ef70020d718d2c04c80	ecd2de218d958f359e2f9df0ccf132f502e462ba
audit_log_SENTINFRA-LOG012_20250720T013315.075405Z	7a8054ed0bb14463d55dc3290032406410f8ae3a9b1d6384c2d4f88de862ce67	9ab059c573469aa0961a3f32920705bb72d82f14
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z	bd18c93b06335a05d4bfb0a7c21714f5fbd1f33057a2c45607c28b038dac9c04	99f102c3f2e654d3e45dc813bf296277170443f8
audit_log_SENTINFRA-LOG020_20250728T032738.625875Z	281892f60f240e05d17c7cf3b6628b6ee9ded640f1fa210eb4fe3245dec21e78	aa71bb1611fce96cdf60137f21b1b7649b5ade32
audit_log_SENTINFRA-LOG021_20250728T032800.504091Z	c34c893f48ba12cd7e329a0b8bf2afb06f139d30892d6e534082f126affcfac3	2ef1d0d0c7cbc0ba88b4087ec4740286f8fe4d87
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z	5f0e0dfcb307df334feab7e00804360751ae5354cd5b64fe26f4cdf3337ef1e4	3da18c1a2c183ca24277b8d8047fd52b83a74ea3
audit_log_SENTINFRA-LOG017_20250728T032702.256334Z	b106b8ec7202b213f3324aa5ed922b585ecc10d960df6e9992daa68d52dea74	f5cb3b67020d9453c75ccf99b762062fa4af3368
audit_log_SENTINFRA-LOG014_20250720T021849.128963Z	cf6413bae1fc7cc6c8b35460620a99b2811924ad1f0dd20aa29b8a831580631d	9c29d3a2af96ce129cbf5e83e7a772b58ef8461

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↓ AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md ● ↓ c_9_zero_trust_protocol.md

Users > rosmontos > Desktop > ↓ AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md > ↗ # AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md > ↗ ## Live Rehashing and Extraction of SENTINFRA /frozen_sources.json

```
1  # AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md
18  ## Live Rehashing and Extraction of SENTINFRA /frozen_sources.json
22  rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py
23  [ ] Enter full path to directory containing `.hash` and `*.2ha` files:
24  >>> /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies
25
26  ✓ Extracted Hash Summary:
27
28  Filename           SHA256          RIPEMD160
29  -----
```

Filename	SHA256	RIPEMD160
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json	35c82f242ab20b3c20c8d9dd48ba31d78061275d2465893da7a4ee25739fd5a5	1608433eafa81cdc8cdc5a5381e9c06e1740e87d
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z.json	bd18c93b06335a05d4fb0a7c21714f5fdb1f33057a2c45607c28b038dac9c04	99f102c3f2e654d3e45dc813bf296277170443f8
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z.json	7d7ae96f656488eef806a1de5a955e2c2a8c74283357c370e11ae43eece238ff	74bd86628f762c5de4a2ce1b783b78482de96bca
audit_log_SENTINFRA-LOG014_20250720T021849.138963Z.json	cf6413bee1fc7cc6c8b35460620a09b3811924ed1f0dd20aa29b8a831580631d	9c29d3e2af96ce129cbf5e83e7a772be58ef8461
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json	a9c200d700c613149c6a7e99690a9287d869dc547f73d17fef7910be27e1ae42	fe97cdbb2c2aef718f5e5a98244d569f651fa833
audit_log_SENTINFRA-LOG019_20250728T032727.445123Z.json	6e99740f6c871f0fc3c2cd4c260fb3c35e2d9cd7a9289a57779f9a926edabf5a	8fa328c85f5f9aa30ce3ebf6690e01351aaa6288
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z.json	3b778b0159baae1cb2d50ba10a3597d4fac49594d90660ef09ad61cc07f5adcf	d7b7bf96cc7e02876853c2d3dd81f83c95d4b1cc
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json	9ac07d545c8ab5603553fdb7783fc65ff70c19295b76e27cb04929838a635ae9	ce6acb25c23ab250504145cfa657d292f639a24f
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json	f1aad6c24b361afdb540ab8827a703ba8746e1c57b9652da0dc77433649a6ac0	ea3a8f156273cf1ee696f8aee525c15b0910617c
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z.json	3cebe32bff9e5062886300f42f4b09e3ab9e0f33fa18c0556cbf355cdc12467e	987cf9cc669500dc1b179d86eaacd8c4178cbd3e
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json	e4e56dc8e083167691f6abeb8a2a7b781fea7557a28216a88f84d4d1d169b3b	232f98b38f50d7571cdc4786b3628a7fa413c4be
audit_log_SENTINFRA-LOG013_20250720T020423.154072Z.json	b0205a3bd0ae764fa6133f347c82a1cce187119dd5adaf47b6b3d82b6ea9ddff	ac17a1cf3b4356acc7c61dab91ea03b1f8466a3c
audit_log_SENTINFRA-LOG018_20250728T032714.949792Z.json	195cea7a1834831b859fbbe891d59c9b5e94e6144dd5c260e8ac54cf602d45cc	5aa30f039b5083f08f0ea280e743831c355fd123
audit_log_SENTINFRA-LOG020_20250728T032738.625875Z.json	281892f60f240e05d17c7cf3b6628b6ee9ded640f1fa210eb4fe3245dec21e78	aa71bb1611fce96cdf60137f21b1b7649b5ade32
audit_log_SENTINFRA-LOG017_20250728T032702.256334Z.json	b106b8ec7202b213f3324aab5ed922b585ecc10d960df6e9992daa68d52dea74	f5cb3b67020d9453c75ccf99b762062fa4af3368
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z.json	f69905003d1fec395cae59947a9337e4e6ad0b4be5f121eb5faaa91574cae842	74a9716ef7d0ce3ab685f9ebf981bb12e5def2f6
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z.json	aa102fa0fbcd3abe9b9b208407554188af822c0deaa3698e4c669445bce2bae	31fc60a38346464f27f32af3e1c9b55b2c0d8bf8
audit_log_SENTINFRA-LOG021_20250728T032800.504091Z.json	c34c893f48ba12cd7e329a0b8bf2afb06f139d30892d6e534082f126affcfac3	2ef1d0d0c7cbc0ba88b4087ec4740286f8fe4d87
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json	38fa755c2d5295a71ac709b87b7a9eb207ebc92dba982664343da0ce5c5cc490	0db672f7d44cb0c859c87cec81d1e9fd9329e37d
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json	4d1b802b7813da12c07e6bb90b84082e1601217543c5e8ca3194745c26f855a1	af16e0c1076add75f60c9efc1350fa16f794ff69
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z.json	5e25cf14d3d9e4eff5dc1d23e1486ba1d9a08fe00b6b2ef70020d718d2c04c80	ecd2de218d958f359e2f9df0ccf132f502e462ba
audit_log_SENTINFRA-LOG012_20250720T013315.075405Z.json	7a8054ed0bb14463d55dc3290032406410f8ae3a9b1d6384c2d4f88de862ce67	9ab059c573469aa0961a3f3290705bb72d82f14
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json	25b2998d5670002ef237ab84ed4593552e89ff3f3a357b84c8c3096145d5c92c	ca874197a16e9fa00931001f103be701e0d26fca
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json	5f0e0dfcb307df334feab7e00804360751ae5354cd5b64fe26f4cdf3337ef1e4	3da18c1a2c183ca24277b8d8047fd52b83a74ea3
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z.json	a63fd45a49625edf2f4038b9f6e6ed1114a25ccb9ba6c6b1aca33f8a343ee7c	b4c7dff3735665f5a2296cf971d0b31c1f225594
audit_log_SENTINFRA-LOG015_20250720T024034.238954Z.json	8df7e6b07b4015f5e331259cd4aea9f33cdf2866cdf545e5ac0ae0f6fc70c68	48eaf1c98d7d7a2bfff6efacf74f05c8fafde33c8
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z.json	f82bf2515af3ae5d294bb38e3dfc765d2230b10e5548f77ee8dc1864b88ad30c	e181b923d572b255ad96f1df58c6d6e6976dc74a
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z.json	96d7266627fdadbe750a386daa82c238f9e5bacb3f93eda4f6da3f58d9dc3074	14359d685e1c149212d9d289b8f91de307bc9698
audit_log_SENTINFRA-LOG016_20250728T032642.949640Z.json	ad7580334d2728f6707f87b26ad524560b10a088e38ec7be49ccb910b6ece756	e95b69719c349af90c94bab19e545ab132da1bb2
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z.json	fe27bc08ec39e1cfccf410650fcf57c216480954d8334ffccf0d33764ee227522	9d7a7f085c2cc756620592e3137fa11bb54fea83
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z.json	7f9936f9ff4ac3099c3e07d43fa485278fb842971a0eda50e4f1690c5c56283f	f7055f4a29b6b0397d09bf991970134508f7f0a8



62 [] Exported summary to: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies/hash_audit_report.csv

63

64 ---

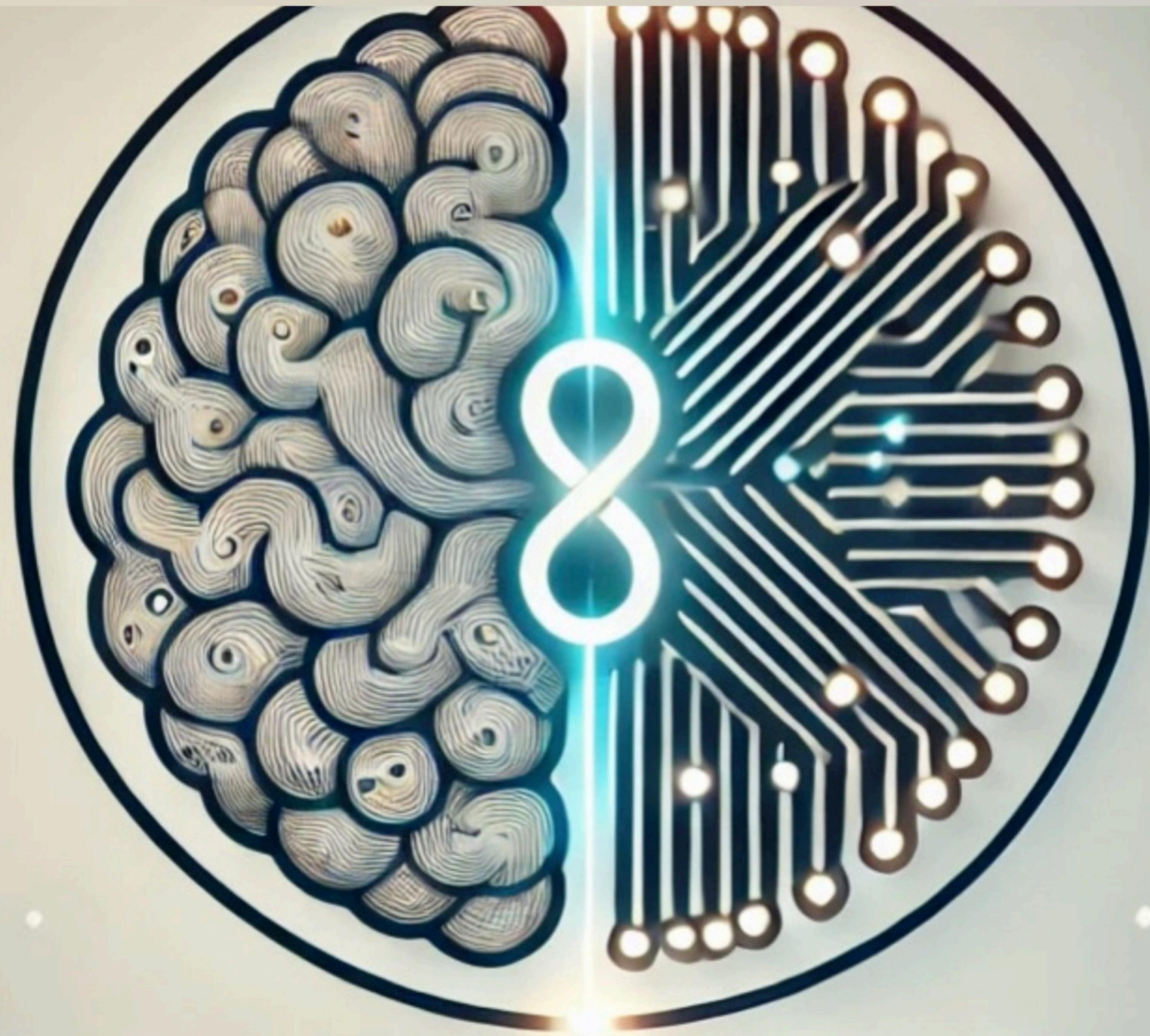
65 **## Live Extraction of Original Hashes SENTINFRA**

66 ````

67 rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py

68 [] Enter full path to directory containing `.hash` and `*.2ha` files:

69 >>> /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA



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↓ AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md ●

↓ c_9_zero_trust_protocol.md

0 0 0 0

Users > rosmontos > Desktop > ↓ AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md > ↗ # AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md > ↗ ## Live Rehashing and Extraction of SENTINFRA /frozen_sources.json

```

1  # AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md
18  ## Live Rehashing and Extraction of SENTINFRA /frozen_sources `json`  

66
67  ## Live Extraction of Original Hashes SENTINFRA
68  ````  

69  rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py  

70  📁 Enter full path to directory containing `.hash` and `sha` files:  

71  >>> /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/hashes/SENTINFRA  

72
73  ✅ Extracted Hash Summary:  

74
75  Filename          SHA256           RIPEMD160

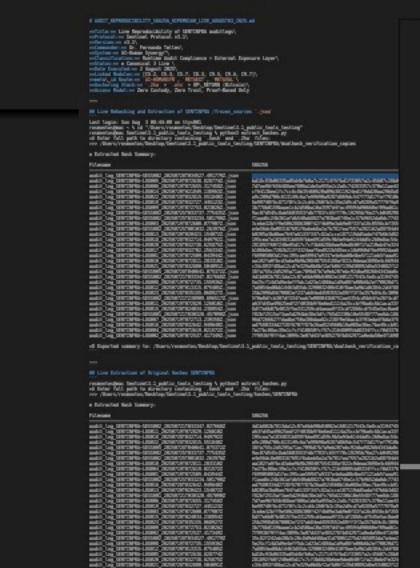
```

Filename	SHA256	RIPEMD160
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z	4d1b802b7813da12c07e6bb90b84082e1601217543c5e8ca3194745c26f855a1	af16e0c1076add75f60c9efc1350fa16f794ff69
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z	a63fd45a49625edf2f4038b9f6e6ed1114a25ccb9ba6c6b1aca33f8a343ee7c	b4c7dff3735665f5a2296cf971d0b31c1f225594
audit_log_SENTINFRA-LOG018_20250728T032714.949792Z	195cea7a1834831b859fbbe891d59c9b5e94e6144dd5c260e8ac54cf602d45cc	5aa30f039b5083f08f0ea280e743831c355fd123
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z	a9c200d700c613149c6a7e99690a9287d869dc547f73d17fef7910be27e1ae42	fe97cd8b2c2aef718f5e5a98244d569f651fa833
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z	38fa755c2d5295a71ac709b87b7a9eb207ebc92dba982664343da0ce5c5cc490	0db672f7d44cb0c859c87cec81d1e9fd9329e37d
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z	9ac07d545c8ab5603553fdb7783fc65ff70c19295b76e27cb04929838a635ae9	ce6acb25c23ab250504145cfa657d292f639a24f
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z	e4e56dc8e083167691f6abeb8a2a7b781fea7557a282162a88f84d4d1d169b3b	232f98b38f50d7571cdc4786b3628a7fa413c4be
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z	aa102fa0fbcd3abe9b9b208407554188af822c0deaa3698e4c669445bc2bae	31fc60a38346464f27f32af3e1c9b55b2c0d8bf8
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z	fe27bc08ec39e1cfcf410650fcf57c216480954d8334ffccf0d33764ee227522	9d7a7f085c2cc756620592e3137fa11bb54fea83
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z	f69905003d1fec395cae59947a9337e4e6ad0b4be5f121eb5faaa91574cae842	74a9716ef7d0ce3ab685f9ebf981bb12e5def2f6
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z	f1aad6c24b361afdb540ab8827a703ba8746e1c57b9652da0dc77433649a6ac0	ea3a8f156273cf1ee696f8aee525c15b0910617c
audit_log_SENTINFRA-LOG016_20250728T032642.949640Z	ad7580334d2728f6707f87b26ad524560b10a088e38ec7be49ccb910b6ece756	e95b69719c349af90c94bab19e545ab132da1bb2
audit_log_SENTINFRA-LOG013_20250720T020423.154072Z	b0205a3bd0ae764fa6133f347c82a1cce187119dd5adaf47b6b3d82b6ea9ddff	ac17a1cf3b4356acc7c61dab91ea03b1f8466a3c
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z	f82bf2515af3ae5d294bb38e3dfc765d2230b10e5548f77ee8dc1864b88ad30c	e181b923d572b255ad96f1df58c6d6e6976dc74a
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z	7d7ae96f656488eef806a1de5a955e2c2a8c74283357c370e11ae43eece238ff	74bd86628f762c5de4a2ce1b783b78482de96bca
audit_log_SENTINFRA-LOG019_20250728T032727.445123Z	6e99740f6c871f0fc3c2cd4c260fb3c35e2d9cd7a9289a57779f9a926edabf5a	8fa328c85f5f9aa30ce3ebf6690e01351aaa6288
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z	3cebe32bff9e5062886300f42f4b09e3ab9e0f33fa18c0556cbf355cdc12467e	987cf9cc669500dc1b179d86eaacd8c4178cbd3e
audit_log_SENTINFRA-LOG015_20250720T024034.238954Z	8df7e6b07b4015f5e331259cd4aea9f33cdf2866cdf545e5ac0ae0f6fc70c68	48eaf1c98d7d7a2bfff6efacf74f05c8fafde33c8
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z	25b2998d5670002ef237ab84ed459355e89ff3f3a357b84c8c3096145d5c92c	ca874197a16e9fa00931001f103be701e0d26fca
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z	3b778b0159baae1cb2d50ba10a3597d4fac49594d90660ef09ad61cc07f5adcf	d7b7bf96cc7e02876853c2d3dd81f83c95d4b1cc
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z	7f9936f9ff4ac3099c3e07d43fa485278fb842971a0eda50e4f1690c5c56283f	f7055f4a29b6b0397d09bf991970134508f7f0a8
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z	35c82f242ab20b3c20c8d9dd48ba31d78061275d2465893da7a4ee25739fd5a5	1608433eafa81cdc8cdc5a5381e9c06e1740e87d
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z	5e25cf14d3d9e4eff5dc1d23e1486ba1d9a08fe00b6b2ef70020d718d2c04c80	ecd2de218d958f359e2f9df0ccf132f502e462ba
audit_log_SENTINFRA-LOG012_20250720T013315.075405Z	7a8054ed0bb14463d55dc3290032406410f8ae3a9b1d6384c2d4f88de862ce67	9ab059c573469aa0961a3f32920705bb72d82f14
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z	bd18c93b06335a05d4bfb0a7c21714f5fb1f33057a2c45607c28b038dac9c04	99f102c3f2e654d3e45dc813bf296277170443f8
audit_log_SENTINFRA-LOG020_20250728T032738.625875Z	281892f60f240e05d17c7cf3b6628b6ee9ded640f1fa210eb4fe3245dec21e78	aa71bb1611fce96cdf60137f21b1b7649b5ade32
audit_log_SENTINFRA-LOG021_20250728T032800.504091Z	c34c893f48ba12cd7e329a0b8bf2afb06f139d30892d6e534082f126affcfac3	2ef1d0d0c7cbc0ba88b4087ec4740286f8fe4d87
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z	5f0e0dfcb307df334feab7e00804360751ae5354cd5b64fe26f4cdf3337ef1e4	3da18c1a2c183ca24277b8d8047fd52b83a74ea3
audit_log_SENTINFRA-LOG017_20250728T032702.256334Z	b106b8ec7202b213f3324aaf5ed922b585ecc10d960df6e9992daa68d52dea74	f5cb3b67020d9453c75ccf99b762062fa4af3368
audit_log_SENTINFRA-LOG014_20250720T021849.138963Z	cf6413bee1fc7cc6c8b35460620a09b3811924ed1f0dd20aa29b8a831580631d	9c29d3e2af96ce129cbf5e83e7a772be58ef8461
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z	96d7266627fdadbe750a386daa82c238f9e5bacb3f93eda4f6da3f58d9dc3074	14359d685e1c149212d9d289b8f91de307bc9698

109 📁 Exported summary to: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/hashes/SENTINFRA/hash_audit_report.csv

110 rosmontos@mac Sentinel3.1_public_tools_testing %

111 ````



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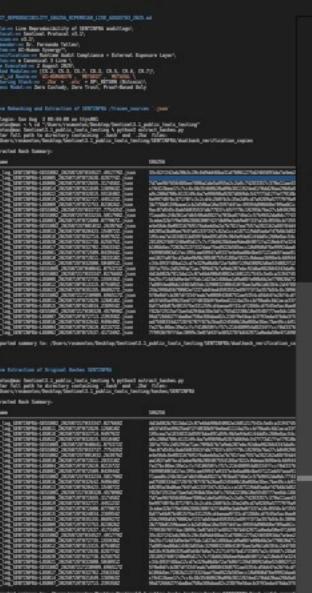
↓ AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md ●

↓ c_9_zero_trust_protocol.md

...

Users > rosmontos > Desktop > ↓ AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md > ↗ # AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md > ↗ ## Live Rehashing and Extraction of SENTINFRA /frozen_sources.json

```
1  # AUDIT_REPRODUCIBILITY_SHA256_RIPEMD160_LIVE_AUGUST03_2025.md
18 ## Live Rehashing and Extraction of SENTINFRA /frozen_sources `json` 
20 Last login: Sun Aug 3 08:44:00 on ttys001
21 rosmontos@mac ~ % cd "/Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing"
22 rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py
23 [ ] Enter full path to directory containing `.hash` and `*.2ha` files:
24 >>> /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies
```



26 [] Extracted Hash Summary:

Filename	SHA256	RIPEMD160
audit_log_SENTINFRA-SESS002_20250728T034527.491779Z.json	35c82f242ab20b3c20c8d9dd48ba31d78061275d2465893da7a4ee25739fd5a5	1608433eafa81cdc8cdc5a5381e9c06e1740e87d
audit_log_SENTINFRA-LOG005_20250719T072638.828774Z.json	bd18c93b06335a05d4bfb0a7c21714f5fb01f33057a2c45607c28b038dac9c04	99f102c3f2e654d3e45dc813bf296277170443f8
audit_log_SENTINFRA-LOG006_20250719T072655.317458Z.json	7d7ae96f656488eef806a1de5a955e2c2a8c74283357c370e11ae43eece238ff	74bd86628f762c5de4a2ce1b783b78482de96bca
audit_log_SENTINFRA-LOG014_20250720T021849.138963Z.json	cf6413bee1fc7cc6c8b35460620a09b3811924ed1f0dd20aa29b8a831580631d	9c29d3e2af96ce129cbf5e83e7a772be58ef8461
audit_log_SENTINFRA-LOG022_20250728T032815.551840Z.json	a9c200d700c613149c6a7e99690a9287d869dc547f73d17fef7910be27e1ae42	fe97cdbb2c2aef718f5e5a98244d569f651fa833
audit_log_SENTINFRA-LOG019_20250728T032727.445123Z.json	6e99740f6c871f0fc3c2cd4c260fb3c35e2d9cd7a9289a57779f9a926edabf5a	8fa328c85f5f9aa30ce3ebf6690e01351aaa6288
audit_log_SENTINFRA-LOG009_20250719T072753.023026Z.json	3b778b0159baae1cb2d50ba10a3597d4fac49594d90660ef09ad61cc07f5adcf	d7b7bf96cc7e02876853c2d3dd81f83c95d4b1cc
audit_log_SENTINFRA-SESS002_20250725T033737.775435Z.json	9ac07d545c8ab5603553fdb7783fc65ff70c19295b76e27cb04929838a635ae9	ce6acb25c23ab250504145cfa657d292f639a24f
audit_log_SENTINFRA-SESS002_20250725T033234.501790Z.json	f1aad6c24b361afdb540ab8827a703ba8746e1c57b9652da0dc77433649a6ac0	ea3a8f156273cf1ee696f8aeee525c15b0910617c
audit_log_SENTINFRA-LOG003_20250719T072600.077907Z.json	3cebe32bff9e05062886300f42f4b09e3ab9e0f33fa18c0556cbf355cdc12467e	987cf9cc669500dc1b179d86eaacd8c4178cbd3e
audit_log_SENTINFRA-SESS002_20250725T001032.263976Z.json	e4e56dc8e083167691f6abeb8a2a7b781fea7557a282162a88f84d4d1d169b3b	232f98b38f50d7571cdc4786b3628a7fa413c4be
audit_log_SENTINFRA-LOG013_20250720T020423.154072Z.json	b0205a3bd0ae764fa6133f347c82a1cce187119dd5adaf47b6b3d82b6ea9ddff	ac17a1cf3b4356acc7c61dab91ea03b1f8466a3c
audit_log_SENTINFRA-LOG018_20250728T032714.949792Z.json	195cea7a1834831b859fbbe891d59c9b5e94e6144dd5c260e8ac54cf602d45cc	5aa30f039b5083f08f0ea280e743831c355fd123
audit_log_SENTINFRA-LOG020_20250728T032738.625875Z.json	281892f60f240e05d17c7cf3b6628b6ee9ded640f1fa210eb4fe3245dec21e78	aa71bb1611fce96cdf60137f21b1b7649b5ade32
audit_log_SENTINFRA-LOG017_20250728T032702.256334Z.json	b106b8ec7202b213f3324aa5ed922b585ecc10d960df6e9992daa68d52dea74	f5cb3b67020d9453c75ccf99b762062fa4af3368
audit_log_SENTINFRA-LOG001_20250719T072509.043944Z.json	f69905003d1fec395cae59947a9337e4e6ad0b4be5f121eb5faaa91574cae842	74a9716ef7d0ce3ab685f9ebf981bb12e5def2f6
audit_log_SENTINFRA-LOG010_20250719T072811.283310Z.json	aa102fa0fbcd3abe9b9b208407554188af822c0deaa3698e4c6694445bc2bae	31fc60a38346464f27f32af3e1c9b55b2c0d8bf8
audit_log_SENTINFRA-LOG021_20250728T032800.504091Z.json	c34c893f48ba12cd7e329a0b8bf2af06f139d30892d6e534082f126affcfac3	2ef1d0d0c7cbc0ba88b4087ec4740286f8fe4d87
audit_log_SENTINFRA-SESS005_20250728T040641.075372Z.json	38fa755c2d5295a71ac709b87b7a9eb207ebc92dba982664343da0ce5c5cc490	0db672f7d44cb0c859c87cec81d1e9fd9329e37d
audit_log_SENTINFRA-SESS002_20250721T033347.027668Z.json	4d1b802b7813da12c07e6bb90b84082e1601217543c5e8ca3194745c26f855a1	af16e0c1076add75f60c9efc1350fa16f794ff69
audit_log_SENTINFRA-LOG008_20250719T072735.155936Z.json	5e25cf14d3d9e4eff5dc1d23e1486ba1d9a08fe00b6b2ef70020d718d2c04c80	ecd2de218d958f359e2f9df0ccf132f502e462ba
audit_log_SENTINFRA-LOG012_20250720T013315.075405Z.json	7a8054ed0bb14463d55dc3290032406410f8ae3a9b1d6384c2d4f88de862ce67	9ab059c573469aa0961a3f32920705bb72d82f14
audit_log_SENTINFRA-LOG023_20250728T035155.068927Z.json	25b2998d5670002ef237ab84ed4593552e89ff3f3a357b84c8c3096145d592c	ca874197a16e9fa00931001f103be701e0d26fca
audit_log_SENTINFRA-SESS002_20250721T230909.696517Z.json	5f0e0dfcb307df334feab7e00804360751ae5354cd5b64fe26f4cdf3337ef1e4	3da18c1a2c183ca24277b8d8047fd52b83a74ea3
audit_log_SENTINFRA-LOG011_20250719T072829.126010Z.json	a63fd45a49625edf2f4038bf6e6ed1114a25ccbf9ba6c6b1aca33f8a343ee7c	b4c7dff3735665f5a2296cf971d0b31c1f225594
audit_log_SENTINFRA-LOG015_20250720T024034.238954Z.json	8df7e6b07b4015f5e331259cd4aeaa9f33cdf2866cdf545e5ac0ae0f6fc70c68	48eaf1c98d7d7a2bfff6efacf74f05c8fafde33c8
audit_log_SENTINFRA-SESS001_20250721T030320.457090Z.json	f82bf2515af3ae5d294bb38e3dfc765d2230b10e5548f77ee8dc1864b88ad30c	e181b923d572b255ad96f1df58c6d6e6976dc74a
audit_log_SENTINFRA-LOG007_20250719T072713.239358Z.json	96d7266627fdadbe750a386daa82c238f9e5bacb3f93eda4f6da3f58d9dc3074	14359d685e1c149212d9d289b8f91de307bc9698
audit_log_SENTINFRA-LOG016_20250728T032642.949640Z.json	ad7580334d2728f6707f87b26ad524560b10a088e38ec7be49ccb910b6ece756	e95b69719c349af90c94bab19e545ab132da1bb2
audit_log_SENTINFRA-LOG004_20250719T072619.021572Z.json	fe27bc08ec39e1cfccf410650fcf57c216480954d8334ffccf0d33764ee227522	9d7a7f085c2cc756620592e3137fa11bb54fea83
audit_log_SENTINFRA-LOG002_20250719T072537.417349Z.json	7f9936f9ff4ac3099c3e07d43fa485278fb842971a0eda50e4f1690c5c56283f	f7055f4a29b6b0397d09bf991970134508f7f0a8

62 [] Exported summary to: /Users/rosmontos/Desktop/Sentinel3.1_public_tools_testing/SENTINFRA/dualhash_verification_copies/hash_audit_report.csv

..

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67 ## Live Extraction of Original Hashes SENTINFRA

..

```
69 rosmontos@mac Sentinel3.1_public_tools_testing % python3 extract_hashes.py
```