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W4 1.1.3 Release Highlights

Released: December 15, 2021

Highlights

- Stability improvements across all components.
- Added indexing of AFF4-L logical images.
- Added indexing of Relativity RSMF files.
- Added indexing of Microsoft Teams data in PST files.
- Added indexing of exported Slack content.

General

- W4 1.1.3 has been tested for use on Windows 11.
- The W4 installer is now digitally signed.
- Resolved an issue with W4 window becoming nonresponsive with certain hardware configurations sometimes.
- Resolved an issue with W4 not being able to store cases on a network drive.

Indexing

- Improved indexing stability in several ways, including but not limited to:
 - Time-out mechanisms have been inserted or improved, protecting against items that take an unreasonable, possibly infinite, amount of time to process.
 - Retry mechanisms have been inserted or improved, improving the chance of a problematic item to be processed successfully.
 - The crawler time-out value has been made configurable.
- Added support for indexing of AFF4-L files. This is a variant of the AFF4 format used for logical images.
- Added support for indexing HWPX documents, made by the Hangul word processor.
- Added support for indexing exported Slack content.
- Added support for indexing Microsoft Teams data, in particular (but not limited to) chat messages in PST files.

- Updates to the indexing of Cellebrite UFDR and XML reports.
- Updates to the indexing of Oxygen XML reports.
- Several improvements to the indexing of PDF documents.
- Several improvements to the indexing of Apple Mail data.
- Resolved an issue with emails from Outlook for Mac OLM files missing certain email headers.
- Added support for indexing Relativity RSMF files. This is a new e-discovery file format for capturing chat data.
- Several improvements to the indexing of Skype database files.
- Resolved an issue with indexing E01 disk images larger than 1 TB.
- Improvements to the processing speed of Ex01 disk images.
- A warning is now shown for Lx01 files. Recent EnCase versions may produce Lx01 images with undocumented and unsupported variations. This is being investigated.
- Resolved an issue with indexing disk images that hold both APFS and BitLocker partitions.
- Improved logging of BitLocker decryption attempts.
- Several general stability improvements in the processing of disk images.

User interface

- Resolved an issue where keyword list hits were not immediately shown on the Summary tab during indexing.

Exporting

- Resolved an issue where link graphs exported to PDF or PNG file contained "Evaluation only" message.

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