Elcomsoft Distributed Password Recovery
Version 4.20

New Elcomsoft Distributed Password Recovery helps forensic experts gain effective access to an even wider range of encrypted and locked evidence.

Summary

In this release, Elcomsoft Distributed Password Recovery adds support for **VeraCrypt** containers and introduces the ability to deploy on-demand cloud instances in **Microsoft Azure**. In addition, the update adds support for **FileVault 2** encrypted volumes located on **APFS**-formatted partitions and offers ultra-fast attacks for **Tally Vault** passwords.

Essential updates

Breaking VeraCrypt containers

Get access to VeraCrypt encrypted volumes, protected with all possible combinations of supported 15 encryption methods and hash functions. GPU-accelerated, truly distributed LAN and cloud-based attacks make Elcomsoft Distributed Password Recovery the perfect choice for attacking secure VeraCrypt containers.

Breaking FileVault 2 encryption on APFS volumes

This version 4.20 adds support for FileVault encryption of APFS volumes. Elcomsoft System Recovery was also updated to extract hashes from APFS-formatted FileVault 2 volumes. Note, however, that the latest T2 devices are not supported.

Microsoft Azure deployment

Add Microsoft Azure instances with easy on-demand deployment when additional computational power is needed without the need to invest into building an in-house infrastructure. Now supporting both Amazon EC2 and Microsoft Azure, the two largest cloud computing services, Elcomsoft Distributed Password Recovery becomes the ideal solution for dynamically changing workloads.

Recovering Tally Vault passwords

Tally ERP 9 is a popular business planning solution in India. In this update, we have added support for Tally Vault passwords, reaching unprecedented recovery speeds of up to 10 million passwords per second with CPU-only attacks.
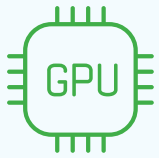
GPU acceleration for password managers

Utilize recent AMD and Intel Graphics for GPU accelerated password recovery against master passwords protecting most popular password managers including 1Password, LastPass and Dashlane, in order to gain access to authentication credentials stored in the password manager's encrypted database.

Technological improvements

The improvements include an updated mask engine to allow for building more flexible attacks targeting known password patterns, the ability to add dictionaries from the program console onto all available agents, and more CPU and GPU performance improvements.

Version 4.20 in all details

- Added support for APFS (FileVault 2) passwords
- Added VeraCrypt support
- Added support for Tally Vault passwords
- Added support for Microsoft Azure instances
- Dictionaries can be added from the program console
- Improved flexible masks for more effective attacks
- Added support for macOS Catalina keychain passwords
- Added support for PMKID in WPA/WPA2-PSK password recovery

- Updated support for the latest versions of 1Password containers
- GPU acceleration: added support for AMD and Intel Graphics for 1Password, Dashlane and LastPass
- GPU acceleration: improved support for PDF file format (including old versions)
- Performance improvements (CPU and GPU) for 1Password, Crypt, Dashlane, Hancom, LastPass, Lotus Notes, Microsoft Office, Apple iWork, OpenDocument, RAR archives, sha1

Steps to renew

1. All active users of Elcomsoft Distributed Password Recovery are invited to download and install the distributive of the new version 4.20 from the product page (https://www.elcomsoft.com/download/edpr_setup_en.msi).
2. Users having an expired license of Elcomsoft Distributed Password Recovery are welcome to renew their license at corresponding cost (can be found by entering registration key in the online form https://www.elcomsoft.com/key.html).

Contact us at sales@elcomsoft.com for any further questions on updating and license renewing.