



Elcomsoft System Recovery Version 7.06

Elcomsoft System Recovery helps forensic experts gain access to protected system accounts, including Windows and macOS computers.

August 2020

RELEASE NOTES

Elcomsoft Forensic Disk Decryptor Version 2.13

Elcomsoft Forensic Disk Decryptor provides quick access to data stored in popular crypto containers.

Elcomsoft Distributed Password Recovery Version 4.22

Elcomsoft Distributed Password Recovery is a high-end solution offering the fastest password recovery to a wide range of encrypted evidence.

Summary

We updated Elcomsoft Forensic Disk Decryptor, Elcomsoft System Recovery and Elcomsoft Distributed Password Recovery with support for Linux partitions protected with LUKS encryption, a de-facto standard for disk encryption in Linux. The tools work together to identify encrypted partitions, extract encryption metadata and launch a full-scale, GPU-accelerated attack on the encryption password.

Essential updates

Extracting LUKS Metadata by Booting from a Flash Drive

Elcomsoft System Recovery can extract encryption metadata from the LUKS volumes attached to the suspect's computer by booting the target system into the Windows PE environment from a USB flash drive.





Extracting LUKS Metadata from Disks and Disk Images

Elcomsoft Forensic Disk Decryptor extracts and saves encryption metadata from LUKS partitions necessary to brute-force the password with Elcomsoft Distributed Password Recovery.

Breaking LUKS Passwords

Elcomsoft Distributed Password Recovery was updated with the ability to attack LUKS encryption passwords using ElcomSoft's patented GPU acceleration technology.



Change log for ESR 7.06, EFDD 2.13 and EDPR 4.22:

- Added support for LUKS encryption
- Minor bug fixes and performance improvements

Select object					×	
disk1.esprluks Keyslot number	Iteration count	Elcomsoft Forensic Disk Decryptor Languages Help				
명 0 명 1	2116196 2369662	Select encrypted dis	k\partition			
7 2	🕞 Elcomsoft Forensic Disk Decryptor —					
	Languages Help Please select operation mode	Data source: Disk PhysicalDrive0 (Int.)	Partition Partition1 (C:)	File system	Size 40.00 GB 40.00 GB	Encryption -
	Decrypt or mount disk Decrypt or mount disk by providing memory image, decryption key, password or recovery key	PhysicalDrive1 (Int.) PhysicalDrive2 (Int.)	Partition1 (E:)	FAT32	50.00 MB 47.00 MB 50.00 MB 48.00 MB	- BitLocker - LUKS
	Extract keys Exctract cryptographic keys from memory image					
	Extract/prepare data for further password recovery Extract data for further password recovery in Elcomsoft Distributed Recovery					
	 Dump physical memory Dump memory of current Windows system for further searching for keys (requires Administrator privileges) 					
	Create portable version Create portable version to run the program from removable media	Refresh				
		c	< Back	Next > Cancel	• E	xit Help
tive tasks	< Back Next > Exit	Help	online	2		

Steps to renew

- 1. All active users of Elcomsoft System Recovery are invited to obtain the new version from our website by entering product registration key in the online form https://www.elcomsoft.com/key.html.
- 2. All active users of Elcomsoft Distributed Password Recovery are invited to download and install the distributive of the new version from the product page. The direct download link: https://www.elcomsoft.com/download/edpr_setup_en.msi.
- 3. All active users of Elcomsoft Forensic Disk Decryptor can get the new version from the product page or by using the direct download link: https://www.elcomsoft.com/download/efdd_setup_en.msi.
- 4. Users having an expired license are welcome to renew their license at corresponding cost that is available after entering registration key in the online form: https://www.elcomsoft.com/key.html.

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