



Elcomsoft iOS Forensic Toolkit Version 6.0

Elcomsoft iOS Forensic Toolkit helps forensic experts perform physical and logical acquisition of iOS devices, by imaging device file system, extracting device secrets (passwords, encryption keys and protected data) and decrypting the file system image.

May 2020

RELEASE NOTES

Summary

In this release, Elcomsoft iOS Forensic Toolkit 6.0 offers direct, forensically sound extraction for Apple devices running all versions of iOS from iOS 11 through iOS 13.4.1 without a jailbreak. This release adds full file system extraction support for the latest iOS builds including iOS 13.3.1, 13.4, and 13.4.1 for the iPhone 6s, 7, 8, X, Xr/Xs, 11, and 11 Pro generation devices (including the corresponding Plus and Max versions), as well as latest iPhone SE (2020).

Essential updates

Supported iOS versions

In this update, we have expanded the range of compatible iOS devices supported by the new direct acquisition agent. The latest release of Elcomsoft iOS Forensic Toolkit 6.0 now covers the entire range of iOS versions from iOS 11 through the latest iOS 13.4.1.





Jailbreak-free file system extraction and keychain decryption

Newly added in this release is file system extraction support from iOS 13.3.1, 13.4, and 13.4.1 for the iPhone 6s, 7, 8, X, Xr/Xs, 11, 11 Pro and SE generation of devices without a jailbreak, using the extraction agent. At this time, keychain extraction is only available for iOS versions up to and including iOS 13.3.

Forensically sound data acquisition

Agent-based extraction utilizes a direct communication channel that does not require a jailbreak, becoming a forensically sound alternative to traditional acquisition methods. Based on direct access to the file system, agent-based extraction is safe, fast and robust, it also eliminates the risks and footprint associated with installing a third-party jailbreak. Our direct acquisition agent does not modify the system partition and does not remount the file system.





Developer account with Apple

Installing the agent requires the use of an Apple ID registered in Apple's Developer Program. More about that in our blog article Why Mobile Forensic Specialists Need a Developer Account with Apple.

Version 6.0 change log

 Added support for jailbreak-free file system extraction for the iPhone 6s through iPhone 11 running iOS 13.3.1, 13.4, 13.4.1

• Bug fixes and performance improvements

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| IcomSoft — Toolkit.command — tee < Toolkit.command — 76×40 | (c) 2011-2020 Elcomsoft Co. Ltd. |
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| Device connected: Vladimir's iPhone SE 2020 Hardware model: D79AP Herial number: IS version: 13.4.1 Persion: 13.4.1 Persion: 10: 00008030- Persion: 13.4.1 Persion: 13.4. | <pre>ide terrior interest ide will be enrolled in the Apple Developer Program. itall: CreatingStagingDirectory (5%) itall: ExtractingPackage (15%) itall: InspectingPackage (20%) itall: InstallingEmbeddedProfile (30%) itall: VerifyingApplication (40%) itall: VerifyingApplication (40%) itall: VerifyingApplication (40%) itall: PostflightingApplication (70%) itall: SandboxingApplication (80%) itall: GeneratingApplication (80%) itall: GeneratingApplication agent on the iOS device now and keep it runn n the forearound. oft — Toolkit.command — tee < Toolkit.command — 76×19 </pre> |
| 1 INSTALL - Install acquisition agent on device 2 KEYCHAIN - Decrypt device keychain 3 FILE SYSTEM - Acquire device file system (as TAR archive) 4 UNINSTALL - Uninstall acquisition agent from device X EXIT - | (c) 2011-2020 Elcomsoft Co. Ltd. |
| Device Model: i OS Version: iP Serial Number: Build Version: | 0008030- has been detected. amir's iPhone SE 2020 iPhone12,8 none OS 13.4.1 |

Steps to renew

- 1. All active users of Elcomsoft iOS Forensic Toolkit are invited to obtain the new version 6.0 by entering product registration key in the online form: https://www.elcomsoft.com/key.html
- 2. Users having an expired license of Elcomsoft iOS Forensic Toolkit are welcome to renew their license at corresponding cost that is available 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.



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