



Elcomsoft Wireless Security Auditor

Version 7.40

Elcomsoft Wireless Security Auditor is an all-in-one tool to help administrators verify how secure a company's wireless network is. The tool attempts to break into a secured Wi-Fi network by analyzing the wireless environment, sniffing Wi-Fi traffic and running an attack on the network's WPA/WPA2-PSK password.

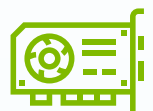
Summary

Elcomsoft Wireless Security Auditor 7.40 adds support for NVIDIA's latest RTX 3000-series boards based on the Ampere architecture. By using the latest NVIDIA cards, the new release greatly speeds up the recovery process, improving the chance of successful attack.

Essential updates

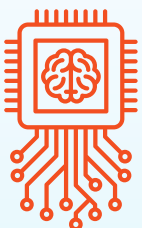
Wi-Fi security auditing made faster with NVIDIA Ampere

The new generation of NVIDIA RTX 3000-series cards is out. Powered by Ampere, the new generation of GPUs delivers unprecedented performance, which nearly doubles the speed of password attacks compared to the previous generation. The recovery speed with a single NVIDIA RTX 3090 video card reaches 1.2 million WPA/WPA2 passwords per second. Elcomsoft Wireless Security Auditor makes use of the massively parallel GPU units to offload computationally intensive parts of the attack onto the video card. In this release, the tool gained support for the latest and greatest NVIDIA RTX 3000-series boards, helping administrators discover weak Wi-Fi passwords faster than ever before. A single Ampere-based video card can boost the attack speed some 50 times or more compared to a high-end multi-core CPU.



Using smart attacks targeting human factor

The WPA2 standard specifies the minimum length of 8 characters for Wi-Fi passwords, making brute-force attacks unfeasible. However, real passwords are often comprised of single or concatenated dictionary words with few modifications. Such passwords are much easier to break and are a serious security risk. Elcomsoft Wireless Security Auditor implements a wide range of smart attacks based on dictionaries and variations of dictionary words. The tool performs attacks targeting the human factor, ensuring that dictionary words are altered and combined in a manner similar to how a real human would choose their password. These attacks allow to quickly discover weak passwords with inadequate protection.

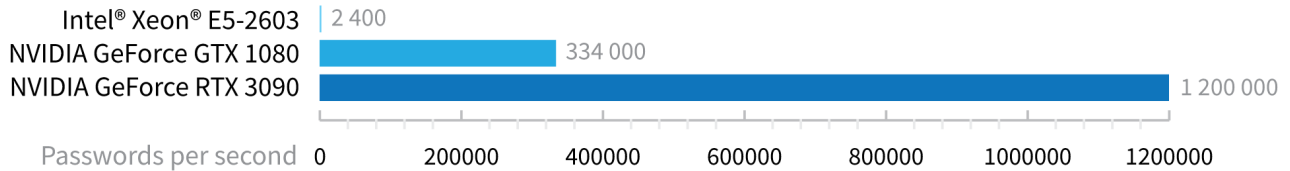


Elcomsoft Wireless Security Audit 7.40 Release Notes

- Support of new generation of NVIDIA GPUs: RTX 3000 powered by Ampere
- Minor bug fixes and improvements

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WPA2/WPA2-PSK



Steps to renew

1. All active users of Elcomsoft Wireless Security Auditor 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/ewsa_setup_en.msi.
2. Users having an expired licenses 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>.

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



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