

Break hotspot password on iOS within 1 minute

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Apple automatically creates a **hotspot password** for your iOS device, mainly for convenient use: Sometimes using this default password is more convenient than using your own password. . But, you should think carefully about using the default password in the future.



According to a new report from the University of Erlangen, "*Convenience with security: Permanent trade-offs for Hotspot on Apple iOS*" , the password that iOS automatically generates for you includes a short word that comes with one Random numbers **can be broken within 1 minute.**

"This password list includes 52,500 entries, and was born of an open-source Scrabble typesetting game , " the researchers said. "Using this Scrabble password list with offline dictionary attack, we are 100% successful in unlocking any hotspot passwords generated by iOS."

Even the researchers found that Apple did not use all 52,500 words in the list, but only a small fraction of them. With the help of 4 AMD Radeon 7970 GPUs, they can crack iOS hotspot passwords within less than 50 seconds.

Obviously, hardware requirements (similar to the aforementioned research) are a barrier that makes it difficult for hackers to crack your iOS hotspot password in a local coffee shop. Moreover, this problem can be easily prevented. Instead of using a password generated by iOS, enter your password yourself.

The researchers said the hotspot password *"should include many letters, numbers and special characters arranged in completely random order"*, and they should be of reasonable length. You do not need to remember this password on other devices - Password Wi-Fi will always be saved automatically. If they are not automatically saved, you can easily retrieve the password on your iOS device.

According to researchers, this problem can occur with both Android and Windows Phone devices, not just iOS.

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