

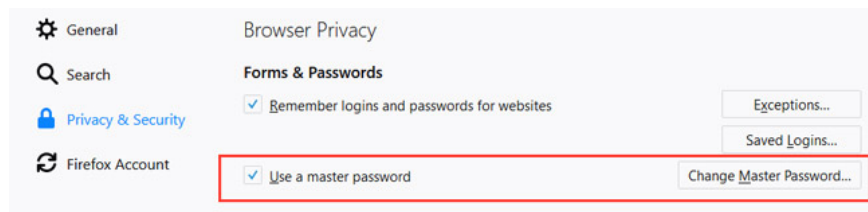
The last 9 years Firefox has not protected user passwords carefully

A network security researcher recently discovered that during the past 9 years, Firefox has stored user passwords with an outdated process.

A new cyber security researcher found that during the past 9 years, Firefox has stored user passwords with an outdated process and can be hacked by GPUs in less than 1 minute.

Both Firefox and Thunderbird allow users to set up Master Password for greater security, using the SHA1 style code (which is easy to crack) over the past 9 years.

This problem was discovered by Wladimir Palant, the author of the Adblock Plus extension. But it is worth mentioning that Wladimir mentioned this issue 9 years ago but was not overcome by Mozilla.



The password stored on Firefox turned out to be not safe at all

Palant said: *'I look at the source code and finally find the `sftkdb_passwordToKey()` function to switch from the password (website) to the encoded character string (key) using the SHA1 code with 1 string of your password and 1 random string. Anyone who has ever designed a login function for a website will see the problem here . '*

Palant reiterated the problem and Mozilla said it would fix it when it released a new password management tool, Lockbox. In the meantime, Firefox users who want to secure their data should use a longer and more complex password.

See more:

1. Why should you turn off the Autofill feature in the password manager?
2. 3 golden rules to avoid fake attacks
3. How to use password management Lockbox in Firefox Quantum

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