

Microsoft confirms removal of TLS 1.0 and 1.1 on new versions of Windows

Microsoft first announced plans to reduce the use of TLS protocols (Transport Layer Security) 1.0 and 1.1 in October 2018 and today, the company has officially released a roadmap to disable these two versions of TLS on the Internet.

Specifically, in a blog post titled "TLS 1.0 and TLS 1.1 soon to be disabled in Windows," Jessica Krynitsky, Program Manager at Microsoft, explains that the company has been monitoring the status used TLS globally in the last few years, and came to the conclusion of removing TLS 1.0 and TLS 1.1 on future versions of Windows, such as Windows 11 version 23H2, Windows 12 and more is reasonable. This is because these are old versions (released between 1999 and 2006), can pose a high security risk, and are no longer widely used. In addition, Microsoft has also supported TLS 1.2 since Windows 8.

'To enhance security for Windows customers and encourage adoption of a more modern protocol, TLS versions 1.0 and 1.1 will soon be phased out by default on the operating system, starting with Windows 11 builds. Insider Preview in September 2023, as well as future Windows releases'.

Previously, Microsoft also disabled TLS versions 1.0 and 1.1 on Edge as well as on Internet Explorer. Pulling the same move from popular web browser platforms like Firefox, Chrome...



TLS (Transport Layer Security) is a protocol used for encryption between online network connections. It is widely used on the Internet to protect data communications between computers and servers, including websites, email, and other network services. For example, this protocol creates an encrypted channel so that data sent and received to websites is encrypted and inaccessible to third parties. TLS 1.0 and 1.1 are outdated versions (appearing 20 years ago), no longer suitable for current usage needs, and contain many security holes that can be exploited.

Statistics also show that most websites no longer use this protocol, instead, newer TLS versions such as TLS 1.2, TLS 1.3. So the end user won't face any major problems.

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