

# Microsoft announced a roadmap for removing TLS 1.0 and 1.1 from Edge, IE, and Edge Legacy

Microsoft first announced plans to 'cut down' the use of TLS 1.0 and 1.1 protocols in October 2018.

Most popular web browser platforms such as Firefox, Chrome, etc. are planning to stop supporting legacy versions of TLS (Transport Layer Security), because these are older versions, can pose a much higher security risk than newer versions.

Microsoft first announced plans to cut back on the use of TLS 1.0 and 1.1 in October 2018 and today, the company has officially launched a roadmap to remove TLS 1.0 and 1.1 versions from its submission platforms. Current browsers, including Edge Chromium, IE, and Edge Legacy.

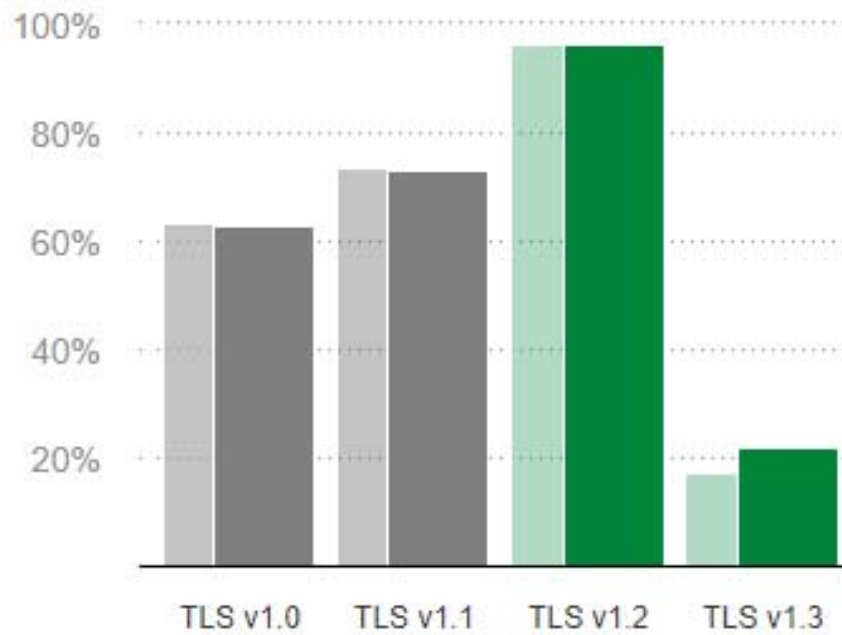
Similar to Google's approach with Chrome, Microsoft plans to remove support for the above versions of TLS in the first half of this year, but due to a number of situations involving the COVID-19 outbreak, the Exchange has somewhat delayed. Microsoft has also announced it will skip version 82 of the Edge browser for this reason.

As such, for Microsoft Edge Chromium, support for TLS 1.0 and 1.1 will be removed sooner on version 84 (currently scheduled for release in July). In the case of Internet Explorer 11 and Edge Legacy (versions supporting EdgeHTML), support for these older TLS versions will be disabled by default starting September 8, 2020, when Microsoft broadcasts. Release the monthly Windows update Patch Tuesday.

TLS (Transport Layer Security) is the protocol used to encrypt the connection between the browser and the website that a user visits. This protocol creates an encrypted channel so that data sent and received to the website is encrypted and cannot be accessed by third parties. TLS 1.0 and 1.1 are outdated versions (which appeared 20 years ago) that are no longer suitable for current usage and contain many exploitable security holes.

The statistics also show that most websites no longer use this protocol, instead of newer TLS versions such as TLS 1.2, TLS 1.3. Therefore, end users will not encounter any major problems when browsers stop supporting TLS 1.0 and 1.1.

## Protocol Support



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