

Tools

Troubleshoot website, network, and CDN issues for fast resolutions.

Tools



HTTP/2 Test

VERIFY HTTP/2 SUPPORT

URL

https://recipefinder-1rqb.onrender.com/

Test

recipefinder-1rqb.onrender.com

HTTP/2 protocol is supported.

ALPN extension is supported.

HTTP/2 Test FAQ

What is HTTP/2?

HTTP/2 is the first major HTTP protocol update since 1997 when HTTP/1.1 was first published by the IETF. The new HTTP protocol is needed to keep up with the exponential growth of the web. The successor of HTTP/1.1 brings significant improvement in efficiency, speed and security and is supported by most modern web browsers. A list of [browsers that support HTTP/2](#) can be found on caniuse.com.

- [HTTP/2](#) is binary, instead of textual.
- It is fully multiplexed, sending multiple requests in parallel over a single TCP connection.
- It uses header compression HPACK to reduce overhead.
- It allows servers to “push” responses proactively into client caches instead of waiting for a new request for each resource
- It uses the new [ALPN](#) extension which allows for faster-encrypted connections since the application protocol is determined during the initial connection.
- It reduces additional round trip times (RTT), making your website load faster without any optimization.
- [Domain sharding](#) and asset concatenation is no longer needed with HTTP/2.

HTTP/2 introduces other improvements, more details: [HTTP/2 RFC7540](#)

This test can check HTTP and HTTPS but most browsers only support HTTP/2 for HTTPS, which means you must [migrate to HTTPS](#) if you want to take advantage of the performance benefits.