



HTTP/2 Revision

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`draft-thomson-httpbis-http2bis`



Context and Goals

This was published in 2015

We've found a few bugs since then

...and learned a lot

In retrospect, aspects of the document are dated

We might also want to make a few tweaks



Options

Don't publish an update

Publish an update with minimal changes

Errata

Language tweaks

Publish an update with some improvements

Which improvements matter



Proposed Plan

Gather proposed changes for a short time (1mo)

Agree on which changes we will try to fix (1wk)

Have a fixed time frame to make changes (6mo)

Changes without clear consensus => no change

Publish ~May 2021



Potential Changes

Remove upgrade mechanism

Remove priorities

Integrate TLS 1.3 corrections (RFC 8740)

Improve text on resource exhaustion attacks

Add greasing codepoints

Tweak prohibition on pseudo-fields

HTTP-core updates (references, terms)

Midders (define? remove vague allowance?)

Improve 0-RTT design

More... github.com/martinthomson/http2-spec/issues