IETF 86 - HTTPbis -22 Changes Overview

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History

- -18: published January 2012
- -19: published March 2012 (before IETF 83)
- -20: published July 2012 (before IETF 84)
- -21: published October 2012 (before IETF 85)
- -22: published February 2013 (before IETF 86)

First Working Group Last Call for Parts 4, 5, 6, and 7 ended April 12, 2012

First Working Group Last Call for Parts 1 & 2 ended November 25, 2012

Second Working Group Last Call for Parts 4, 5, 6, and 7 ended November 25, 2012

Changes - General

Lots of rewrites/rearrangements in Parts 1 & 2, plus...:

Changes - P1

- Cite HTTPS URI scheme definition ([Ticket 128](#))

- mention of "proxies" in section about caches ([Ticket 389](#))

- use of ABNF terms from RFC 3986 ([Ticket 390](#))

- editorial improvements to message length definition ([Ticket 392](#))

- userinfo in absolute form of request target ([Ticket 393](#))

- when can authority be empty or undefined? ([Ticket 394](#))

- Connection header field MUST vs SHOULD ([Ticket 395](#))

- editorial improvements to persistent connections section ([Ticket 396](#))

- URI normalization vs empty path ([Ticket 397](#))

- p1 feedback ([Ticket 408](#))

- is parsing OBS-FOLD mandatory? ([Ticket 409](#))

- HTTPS and Shared Caching ([Ticket 410](#))

- Requirements for recipients of ws between start-line and first header field ([Ticket 411](#))
- SP and HT when being tolerant ([Ticket 412](#))
- Message Parsing Strictness ([Ticket 414](#))
- "Render" ([Ticket 415](#))
- Explicitly Hop-by-Hop ([Ticket 416](#))
- Registering Connection Tokens ([Ticket 417](#))
- No-Transform ([Ticket 418](#))
- p2 editorial feedback ([Ticket 419](#))
- Content-Length SHOULD be sent ([Ticket 420](#))
- origin-form does not allow path starting with "//" ([Ticket 431](#))
- ambiguity in part 1 example ([Ticket 433](#))

Changes - P2

- ETag (and other metadata) in status messages ([Ticket 22](#))

- Conditional GET text ([Ticket 96](#))

- Clarify description of 405 (Not Allowed) ([Ticket 146](#))

- Allowing heuristic caching for new status codes ([Ticket 223](#))

- method semantics: retrieval/representation ([Ticket 315](#))

- User confirmation for unsafe methods ([Ticket 388](#))

- transferring URIs with userinfo in payload ([Ticket 391](#))

- Tentative Status Codes ([Ticket 404](#))

- No-Transform ([Ticket 418](#))

- p2 editorial feedback ([Ticket 419](#))

- Absence of Accept-Encoding ([Ticket 424](#))

- p2 editorial feedback ([Ticket 426](#))

- Accept-Language ordering for identical qvalues ([Ticket 428](#))

- Review Cachability of Status Codes WRT "Negative Caching" ([Ticket 432](#))

- mention in header field considerations that leading/trailing WS is lossy ([Ticket 434](#))

Changes - P3

THERE IS NO PART 3!

Changes - P4

- Conditional GET text ([Ticket 96](#))
- Optionality of Conditional Request Support ([Ticket 350](#))
- Conditional Requests editorial suggestions ([Ticket 366](#))
- unclear prose in definition of 304 ([Ticket 384](#))
- ETags and Conneg ([Ticket 401](#))
- Comparison function for If-Match and If-None-Match ([Ticket 402](#))
- 304 without validator ([Ticket 406](#))
- If-Match and 428 ([Ticket 427](#))

Changes - P5

- Security consideration: range flooding (Ticket 175)

- Allowing heuristic caching for new status codes (Ticket 223)

- Add limitations to Range to reduce its use as a denial-of-service tool (Ticket 311)

- p5 feedback (Ticket 405)

- 416 and multipart/byteranges (Ticket 407)

Changes - P6

- Allowing heuristic caching for new status codes (Ticket 223)

- 304 without validator (Ticket 406)

- No-Transform (Ticket 418)

- definition public cache-control directive is incompatible with RFC2616 (Ticket 430)

Changes - P7

- Authentication and caching - max-age ([Ticket 403](#))