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)