



# **IETF 81 - HTTPbis -14/-15 Changes Overview**

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## History

- -11: published August 2010 (after IETF 78)
- -12: published October 2010 (before IETF 79, WG did not meet)
- -13: published March 2011 (before IETF 80)
- -14: published April 2011 (after IETF 80)
- -15: published July 2011 (before IETF 81)

## Changes

- Default charsets for text media types ([Ticket 20](#))
- Handling multiple Content-Length headers ([Ticket 95](#))
- Content-MD5 and partial responses ([Ticket 178](#))
- message-body in CONNECT request ([Ticket 251](#))
- HTTP-Version should be redefined as fixed length pair of DIGIT . DIGIT ([Ticket 273](#))

## Changes (Best Practices)

- Recommend minimum sizes for protocol elements ([Ticket 282](#))
- Set expectations around buffering ([Ticket 283](#))
- Considering messages in isolation ([Ticket 288](#))

## Changes (Rewrites)

- If-\* and entities ([Ticket 89](#))
- Definition of validator weakness ([Ticket 101](#))
- ETags and Quotes ([Ticket 269](#))

## Changes (Status Codes)

- Clarify 203 Non-Authoritative Information ([Ticket 203](#))
- Clarify status code for rate limiting ([Ticket 255](#))
- Clarify 403 forbidden ([Ticket 294](#))
- Clarify 203 Non-Authoritative Information ([Ticket 296](#))

## Changes (Caching)

- Mismatch Vary ([Ticket 38](#))
- Cache Invalidation only happens upon successful responses ([Ticket 235](#))
- Proxies don't 'understand' methods ([Ticket 289](#))
- Cache Extensions can override no-store, etc. ([Ticket 291](#))
- Pragma ([Ticket 292](#))

## Changes (Editorial)

- Allow is not in 13.5.2 ([Ticket 53](#)) (editorial)
- Untangle ABNFs for header fields ([Ticket 276](#)) (editorial)
- Confusing undefined parameter in media range example ([Ticket 281](#)) (editorial)
- Content-Length ABNF broken ([Ticket 286](#)) (editorial)
- Update default reason phrase for 413 ([Ticket 298](#)) (editorial)