Cookies: HTTP State Management Mechanism
draft-ietf-httpbis-rfc6265bis-11

Mar 28, 2023
Changes: -11 draft

- Remove note to ignore Domain attribute with trailing dot: #2087, #2092
  - Correction that trailing '.'s should be ignored
- Remove an inadvertent change to cookie-octet: #2090
  - For 2 years servers were incorrectly advised to include %x80-FF
- Remove note regarding cookie serialization: #2165
  - The note wasn’t quite correct and could be better handled by the HTML spec
- Add case insensitivity note to Set-Cookie Syntax: #2167
  - Clarify that attribute names are case insensitive
- Add note not to send invalid cookies due to public suffix list changes: #2215
  - Discourage sending cookies that are part of a public suffix
- Add warning to not send nameless cookies: #2220
  - Discourage nameless cookies of any sort
- Improved max-age attribute parsing: #2214
  - Notes that values are base 10. Handle missing and invalid values.
- Offload Service Worker SFC computation to spec: #2217
- Compare cookie name prefixes case-insensitively: #2236
- Prevent nameless cookies with prefixed value: #2251
- Editorial Change: #2244
Recent changes since -12

- Advise the reader which section to implement: #2478
Current Issue Status

5 open issues

● Currently in Scope
  ○ Same-Site cookies and redirects: #2104
    ■ Enforcement of same-site redirect chains results in copious site breakage
  ○ internal whitespace in cookie names and values: #2262

● Editorial in Scope
  ○ Changes from RFC6265: #2352
  ○ Fix browsing context integration in 6265bis: #2372
  ○ Define or reference "top-level navigation" in terminology: #2474

● An additional 18 deferred issues
Post RFC6265bis Work

- Cookies Having Independent Partitioned State (CHIPS)
- Cookie Spec Layering