

# **Cookies: HTTP State Management Mechanism**

## **draft-ietf-httpbis-rfc6265bis-06**

+draft-west-cookie-incrementalism-01

Oct 20, 2020

# Draft Issues Status

20 open issues that can be grouped into 4 buckets:

- Defer (not in scope, lacks implementation consensus, needs work)
  - [#1013](#), [#762](#), [#718](#), [#441](#)
- Close (stale PR, clearly WONTFIX or INVALID)
  - [#1042](#), [#946](#), [#718](#), [#525](#), [#494](#)
- Investigate interop, define in spec (likely valid issues)
  - [#1233](#), [#1210](#), [#1163](#), [#1073](#), [#933](#), [#889](#), [#773](#), [#769](#), [#628](#), [#593](#)
- Call for Adoption ([spec edits exist](#), WPTs exist)
  - Incrementally Better Cookies ([#1241](#))

# Proposal: Add some Incrementalism to 6265bis

We propose to add the following 3 sections from draft-west-cookie-incrementalism-01 into 6265bis:

3.1 ["Lax" by default.](#)

3.2 [Requiring "Secure" for "SameSite=None".](#)

3.3 [Schemeful Same-Site](#)

# Browser Engine Implementation Status

| Proposed Addition    | Blink | Gecko | WebKit |
|----------------------|-------|-------|--------|
| Lax by default       | ✓     | ✓🚩    | ✗      |
| Secure SameSite=None | ✓     | ✓🚩    | ?      |
| Schemeful SameSite   | ✓🚩    | ✓🚩    | ✗      |

# WPT Status

| Proposed Addition  | Blink        | Gecko        | WebKit       |
|--|--------------|--------------|--------------|
| <a href="#">Lax by default (folded into SameSite WPTs)</a> | 193/217 pass | 171/211 pass | 128/217 pass |
| <a href="#">Secure SameSite=None WPTs</a>                  | 1/1 pass     | 1/1 pass     | 0/1 pass     |
| <a href="#">Schemeful SameSite WPTs</a>                    | 7/10 pass    | 8/10 pass    | 7/10 pass    |

Side Note: [wpt/cookies/http-state](#) tests are largely broken; a rewrite is planned.