

# Cookies: HTTP State Management Mechanism draft-ietf-httpbis-rfc6265bis-09

Feb 1, 2022

# Recent changes: -09 draft

- Update cookie size requirements: [#1563](#)
  - Add name+value size limit of 4096, per attribute size limit of 1024
- Reject cookies with control characters: [#1576](#), [#1589](#)
  - Reject, instead of truncating, cookies containing %x00-08 / %x0A-1F / %x7F
- Specify empty domain attribute handling: [#1709](#)
  - Cookies with “Domain=” are set as host only

# Recent changes since -09

- Standardize maximum Expires/Max-Age: [#1732](#)
  - Specify an upper limit to the allowed age of a cookies (400 days)
- Editorial Changes
  - [#1577](#), [#1581](#), [#1603](#), [#1665](#), [#1672](#), [#1789](#), [#1858](#), etc

# Current Issue Status

12 open issues

- Currently in Scope
  - [#1881](#), [#1758](#), [#1757](#), [#1707](#), [#1517](#), [#1502](#), [#1418](#), [#1399](#), [#1372](#), [#1288](#), [#1210](#)
- Maybe should defer
  - [#1385](#)
- An additional 12 deferred issues

# Types of Work

- Clarifying Specific Behavior
  - [#1707](#) - IDN names support for domain attributes
  - [#1399](#) - Stricter Set-Cookie parsing algorithm
  - [#1758](#) - Handling trailing dot with domain attribute
  - [#1757](#) - Max-Age value handling improvements
- Adding note
  - [#1502](#) - Better specifying document.cookie serialization
  - [#1372](#) - Updated 3p cookies notes
  - [#1881](#) - Note that attribute names are case insensitive
  - [#1517](#) - No decoding of Set-Cookie header
  - [#1418](#) - Browsers shouldn't send invalid cookies due to registrable domain changes (PSL)
  - [#1288](#) - UAs can handle service workers differently (details left to SW spec)
  - [#1210](#) - Caution against nameless cookies

# Types of Work Contin.

- Maybe should be deferred
  - [#1385](#) - Spec does not specify how to handle PSL changes.