

**RFC6265bis**

# Adopted

**draft-ietf-httpbis-cookie-alone**

"...removing the ability for a non-secure origin to set cookies with a 'secure' flag, and to overwrite cookies whose 'secure' flag is set."

Almost shipped in Chrome (the initial implementation broke Google).

Maybe 52.

# Adopted

**draft-ietf-httpbis-cookie-prefixes**

"...removing the ability for a non-secure origin to set cookies with a 'secure' flag, and to overwrite cookies whose 'secure' flag is set."

Shipped -00 in Chrome 49.

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# Proposed

## **draft-west-first-party-cookies**

"...defining a 'SameSite' attribute which allows servers to assert that a cookie ought not to be sent along with cross-site requests."

Shipping -07 in Chrome 51.

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# Proposed

## `draft-west-cookie-priority`

"...defines the 'Priority' attribute for HTTP cookies ... [allowing] servers to specify a retention priority that will be respected ... during cookie eviction."

Shipped -00 in Chrome ~29 (2013).

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# Compat

IETF test (71)	Expected	Safari (v9.0.0) 45 : 26	IE (v11.0.0) 38 : 33	Edge (v12.10240.0) 38 : 33	Chrome (v49.0.2623) 24 : 47
Set cookie: "foo=bar; max-age=60" "foo1=bar; max-age=60" "foo=differentvalue; max-age=0" "foo2=evendifferentvalue; max-age=0"	"foo1=bar"	✓	"foo=differentvalue; foo1=bar; foo2=evendifferentvalue"	"foo=differentvalue; foo1=bar; foo2=evendifferentvalue"	✓
<b>MOZILLA0009 #</b> Minority - possible bug (2 : 3)	"foo1=bar"	✓	"foo=differentvalue; foo1=bar"	"foo=differentvalue; foo1=bar"	✓
Set cookie: "foo=bar; max-age=60" "foo1=bar; max-age=60" "foo=differentvalue; max-age=0"	"foo1=bar"	✓	"foo=differentvalue; foo1=bar"	"foo=differentvalue; foo1=bar"	✓
<b>0024 #</b> Minority - possible bug (2 : 3)	""	"foo="	✓	✓	"foo"
Set cookie: "foo" "="	""	"foo="	✓	✓	"foo"
<b>0023 #</b> Minority - possible bug (2 : 3)	""	"foo="	✓	✓	"foo"
Set cookie: "foo" "="	""	"foo="	✓	✓	"foo"
<b>MOZILLA0005 #</b> Minority - possible bug (2 : 3)	""	✓	"foo=bar"	"foo=bar"	✓
Set cookie: "foo=bar; max-age=-20"	""	✓	"foo=bar"	"foo=bar"	✓
<b>MOZILLA0002 #</b> Minority - possible bug (2 : 3)	""	✓	"foo=bar"	"foo=bar"	✓
Set cookie: "foo=bar; max-age=0"	""	✓	"foo=bar"	"foo=bar"	✓
<b>MOZILLA0001 #</b> Minority - possible bug (2 : 3)	""	✓	"foo=bar"	"foo=bar"	✓
Set cookie: "foo=bar; max-age=-1"	""	✓	"foo=bar"	"foo=bar"	✓
<b>DOMAIN0029 #</b> Minority - possible bug (2 : 3)	""	✓	"foo=bar"	"foo=bar"	✓
Set cookie: "foo=bar"	""	✓	"foo=bar"	"foo=bar"	✓
<b>Results URL:</b> <a href="http://subdomain.home.example.org:8888/cookie-parser-result?domain0029">http://subdomain.home.example.org:8888/cookie-parser-result?domain0029</a>					

**Next steps?**