Authentication Changes

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Judith Bush
World Wide Web - Wide Open
You actually experience a filtered set of protocol implementations
Because trackers
Many different tracking techniques, many different ways to filter. Cookies & referral URLs and more...
They are breaking the web!
The New York Times

The Battle for Digital Privacy Is Reshaping the Internet
As Apple and Google enact privacy changes, businesses are grappling with the fallout, Madison Avenue is fighting back and Facebook has cried foul.

By Brian X. Chen
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“The grownups will stop this.” Well, who are the grownups?
Pervasive Monitoring Is an Attack

Abstract

Pervasive monitoring is a technical attack that should be mitigated in the design of IETF protocols, where possible.
Unsanctioned Web Tracking
W3C TAG Finding 17 July 2015

Abstract

Tracking user activity on the Web using methods other than those defined for the purpose by the Web platform ("unsanctioned tracking") is harmful to the Web, for a variety of reasons. This Finding details the TAG's stance on different forms of tracking, and how they should be addressed.

Status of This Document

This document has been produced by the W3C Technical Architecture Group (TAG). The TAG approved this finding at its July 2015 F2F. Please send comments on this finding to the publicly archived TAG mailing list www-tag@w3.org (archive).

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2015
But how many web ENGINES are there?

Diversity and the market will save us! – well not so much diversity.
Is “the government” the adults?
PARIS (AP) — A leading French consumer group filed a class-action lawsuit Wednesday accusing Google of violating the European Union's landmark 2018 privacy rules. In its filing in a Paris administrative court, the consumer group UFC Que Choisir is seeking 1,000 euros ($1,135) in damages for each of the 200 Google users involved so far.

French lawsuit accuses Google of violating EU privacy rules

From this page

1. Why was Google fined?
   French regulators fined Google €50 million (equivalent to $57 million) on Monday for violating European Union privacy law. That's not much considering Google's parent co.

2. What is the name of the group that investigated Google?

3. What happens if Google doesn’t appeal?
You think you are clicking on a web page to go to another page at the site.

Why is authentication an issue?
Bounce tracking
...or Single Sign On?
Browser is an actor in the transaction.

Browser goal FedCM is an actor in the transaction
What does this mean for us?

- Included are cross-domain requests
- Authentication requests change to invoke the user agent with javascript.
- Time frame is long.... but we are busy
First party sets
What can we do?

Participation in FedCM CG and REFEDS Browser change working group
What do I need to do?

Centralizing our authentication helps because we have fewer touch points to fix.

“Technical cliff” ahead – but we don’t know what it looks like yet.

Trouble shooting access? Be browser suspicious.

Watch this space.

Your org’s actions may differ