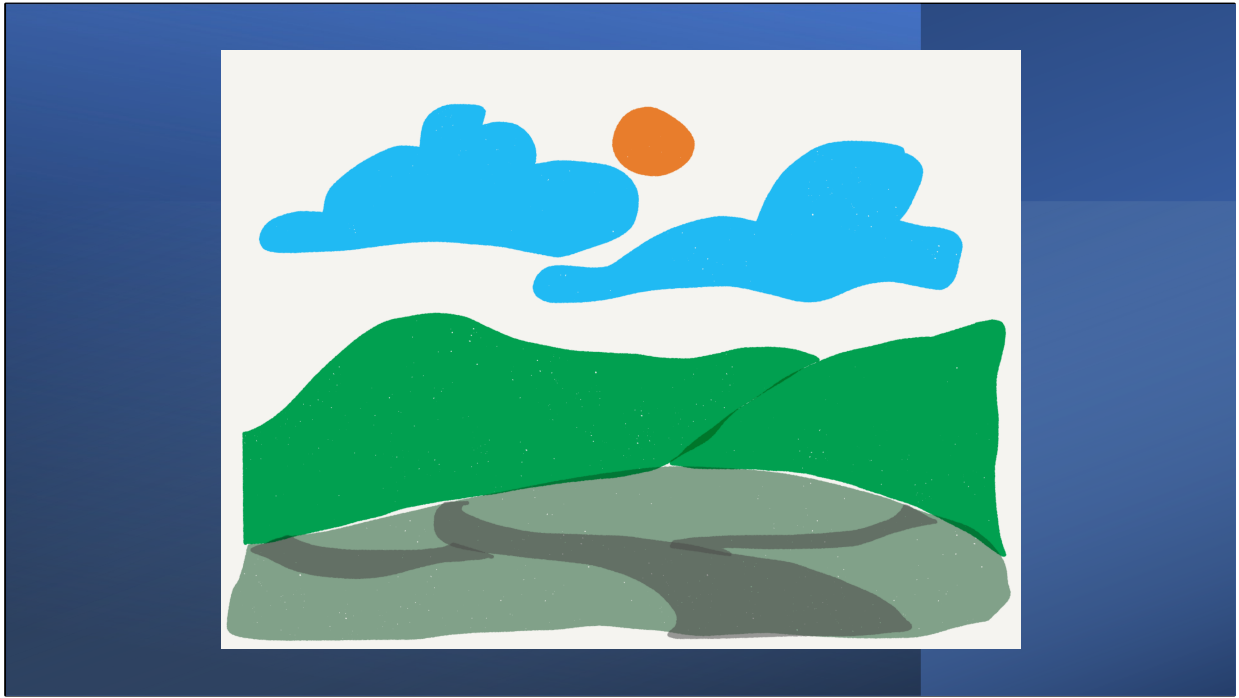


Authentication Changes

2023-03-10

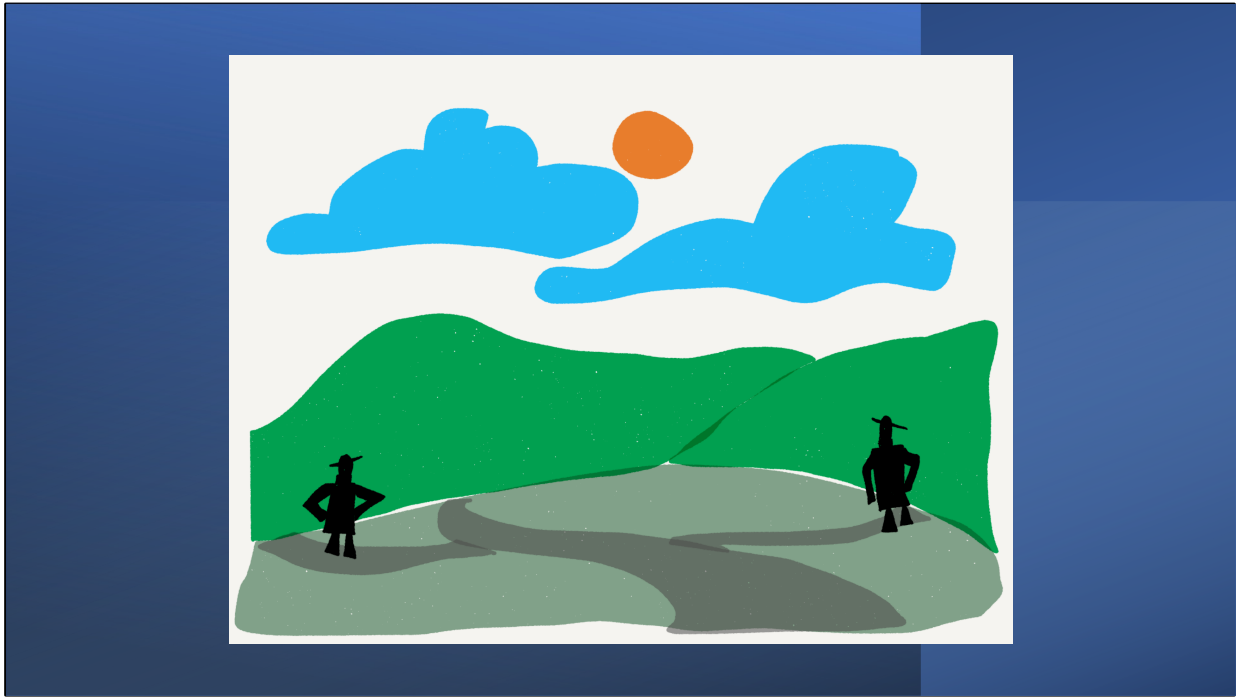
Judith Bush



World Wide Web - -Wide Open



You actually experience a filtered set of protocol implementations



Because trackers



Enhanced Tracking Protection in Firefox for desktop

		Edge	Firefox	Safari	Clqz	
		Tracking prevention	Enhanced Tracking Protection (ETP)	Intelligent Tracking Prevention (ITP)	Anti-Tracking	
	n/a	78.0.276.8	69.0	Safari 11	1.30.0	
Next release	Link	Link	Link	Link	Link	
Default protection mode	Default Shield settings	n/a	Basic	Standard	ITP enabled	Default Anti-Tracking settings
Classification of "known trackers"	i Multiple filter lists	i n/a			i Algorithmic	

WebKit
Intelligent Tracking Prevention

Jun 5, 2017
by John Wilander
@johnwilander

Note: Read about improvements to this technology in recent blog posts about Intelligent Tracking Prevention, and the Storage Access API.

Downloads Feature Status Documentation Policies Contribute

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.

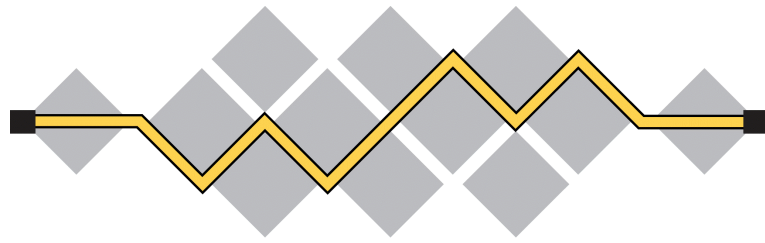


By **Brian X. Chen**

Published Sept. 16, 2021 Updated Sept. 21, 2021



“The grownups will stop this.” Well, who are the grownups?



I E T F[®]

IETF?

BEST CURRENT PRACTICE

Internet Engineering Task Force (IETF)
Request for Comments: 7258
BCP: 188
Category: Best Current Practice
ISSN: 2070-1721

S. Farrell
Trinity College Dublin
H. Tschofenig
ARM Ltd.
May 2014

Pervasive Monitoring Is an Attack

Abstract

Pervasive monitoring is a technical attack that should be mitigated in the design of IETF protocols, where possible.



I E T F[®]

2014



W3C

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](#)).

Table of Contents

1. Tracking Your Activity on the Web
2. Unsanctioned Tracking: Tracking without User Control
3. Why Unsanctioned Tracking is Harmful
4. Limitations of Technical Solutions
5. Findings
- A. References
 - A.1 Informative references

2015

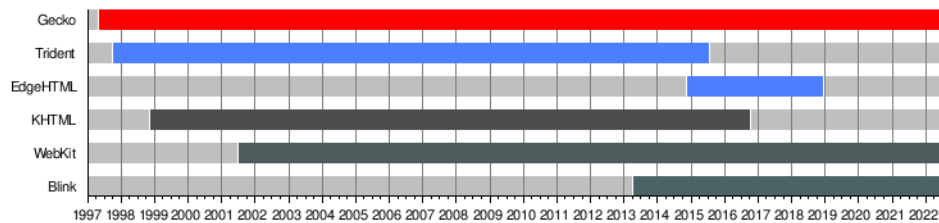
The Top 10 Internet Browsers for 2023

Get peace of mind and ease of use using our list of the safest, fastest, and most-secure web browsers for PC, Mac, and mobile users

By Brad Stephenson · Updated on January 3, 2023 · Reviewed by Christine Baker

But how many web ENGINES are there?

3



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](https://apnews.com/article/dd72d3e691094bada612fa5ec09a8a8c)
AP apnews.com/article/dd72d3e691094bada612fa5ec09a8a8c

Was this helpful?

People also ask

- Why is Google being sued in Europe?
- Why was Google fined by the European Commission?
- Is Google's fine against Google a new privacy law?
- What does Google's new data privacy ruling mean for Europe?

Feedback

EU Privacy Law Snares Its First Tech Giant: Google

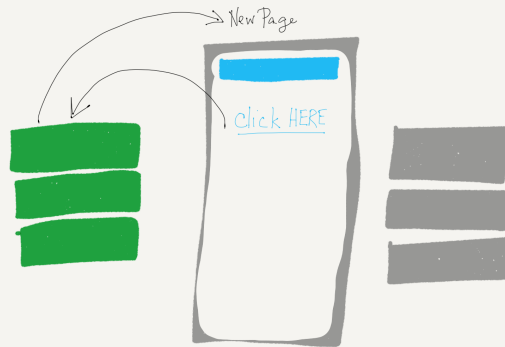


from wired.com

From this page

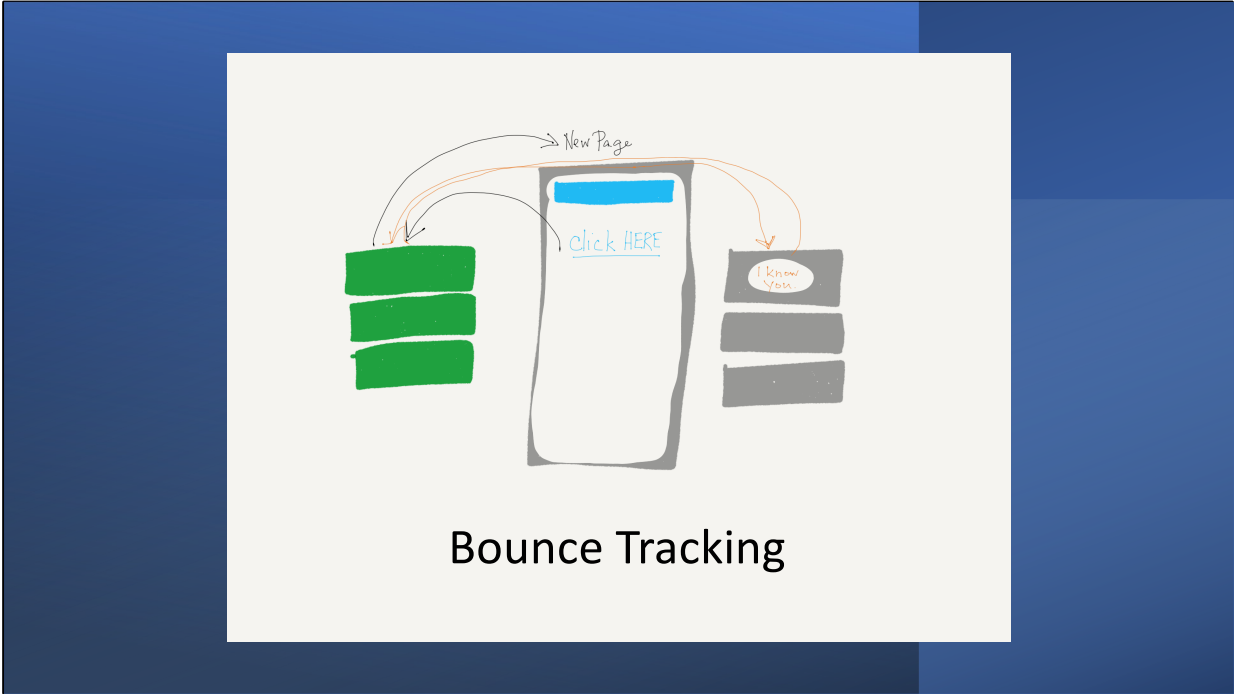
- 1 Why was Google fined?

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 com [Read more](#)
- 2 What is the name of the group that investigated Google?
- 3 What happens if Google doesn't appeal?

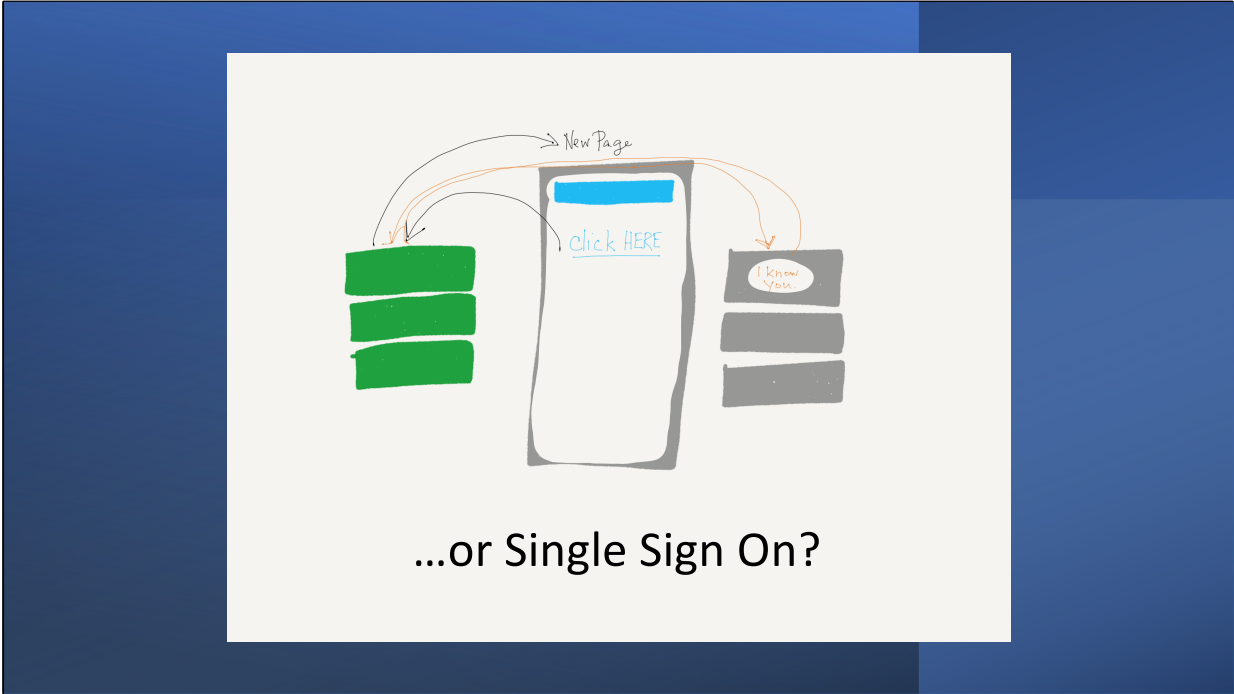


You think you are clicking on a web page to go to another page at the site.

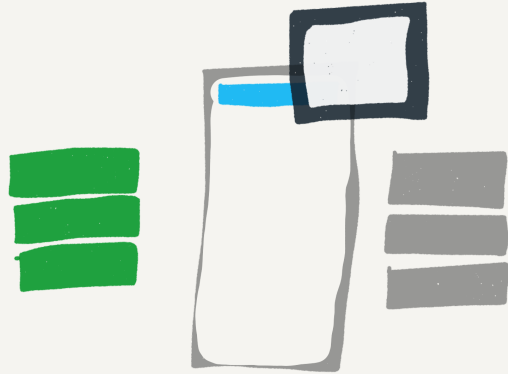
Why is authentication an issue?



Bounce tracking



SSO (Same image)



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

[For orgs with cross domain elements]

User Agent Interaction with First-Party Sets



Draft Community Group Report, 8 March 2023

This version:

<https://wicg.github.io/first-party-sets/>

Issue Tracking:

First party sets

What can we do?

W3C[®] COMMUNITY & BUSINESS GROUPS

[Home](#) / Federated Identity...

FEDERATED IDENTITY COMMUNITY GROUP

The purpose of the Federated Identity Community Group is to provide a forum focused on incubating web features that will both support federated identity and prevent untransparent, uncontrollable tracking of users across the web. While the community group will take privacy concerns into consideration, these concerns will be balanced against the need to explore innovative ideas around federated authentication on the web.

REFEDS Spaces ▾

Working-Groups

Pages

Blog

CHILD PAGES

- Working-Groups Home
 - Browser Changes and Federation
 - 2023-02-28 and 2023-03-01 Hackat...
 - Meetings

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