# **A4ebb FedCM**

dsinclair@chromium.org 2021.11.17 PUBLIC The why, when, what, and how

## Why

#### Privacy Sandbox



Develop new privacy-preserving technologies







Phase out third-party cookies

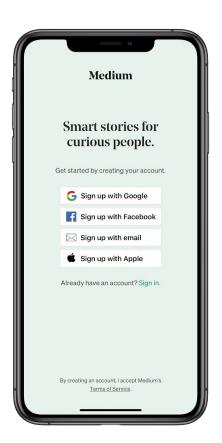




Continue to mediate **covert tracking** 

https://privacysandbox.com/

### Wait, federated identity?



#### And cookies are involved?



Browser

RP

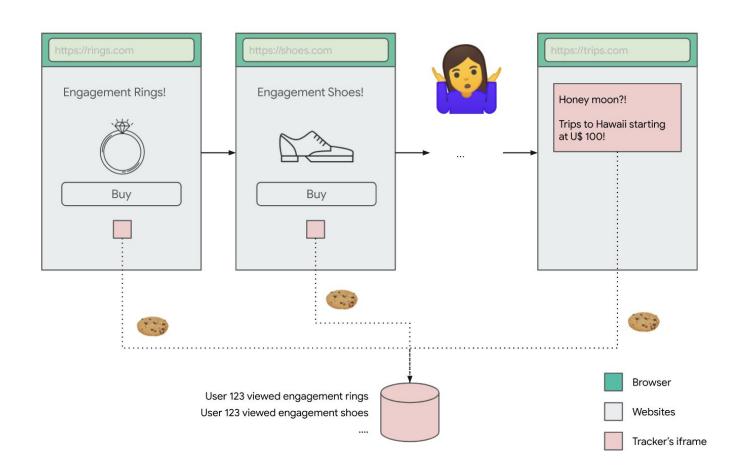
IDP





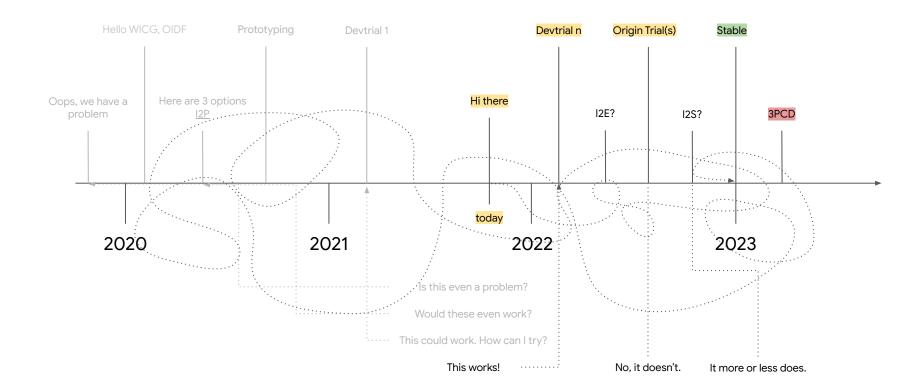
# Cookies sound nutritious and delicious?

#### The Cross-Site Tracking Problem

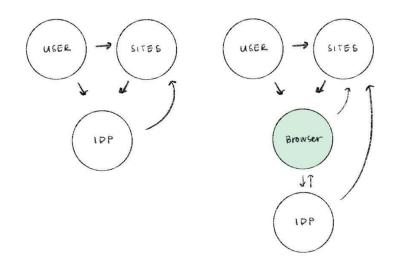


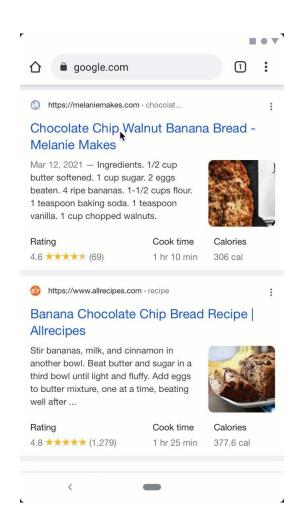
To preserve and elevate federated identity for a more private web.

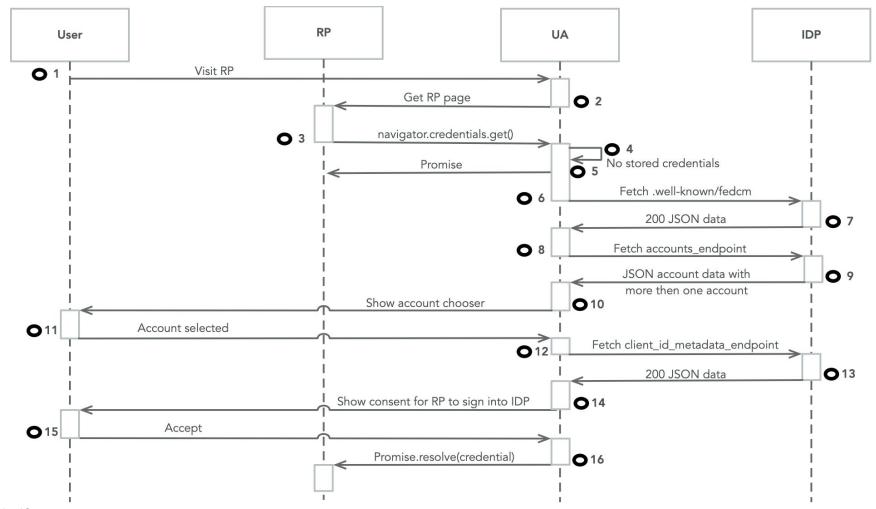
#### When



#### What



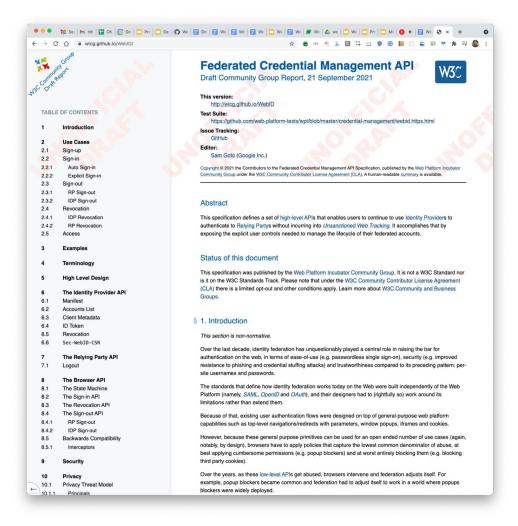


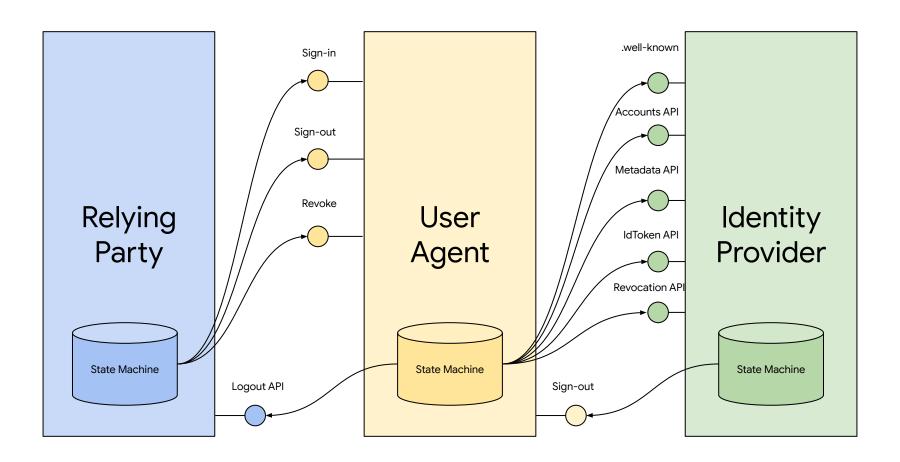


#### How



https://wicg.github.io/FedCM





$$O(B) > O(M) > O(100s)$$
Users Relying Parties Identity Providers

Blinkon 15

### Session Management

# Curious? chrome://flags/#webid

(mobile only for now)

#### TL;DR;

- Third party cookies are being deprecated
- Targeted at sometime in 2023
- We think browser meditation will work to keep federated identity working
- https://github.com/fedidcg/use-case-library/issues
- Federated Credential Management API spec
- chrome://flags/#webid

#### Questions

dsinclair@chromium.org