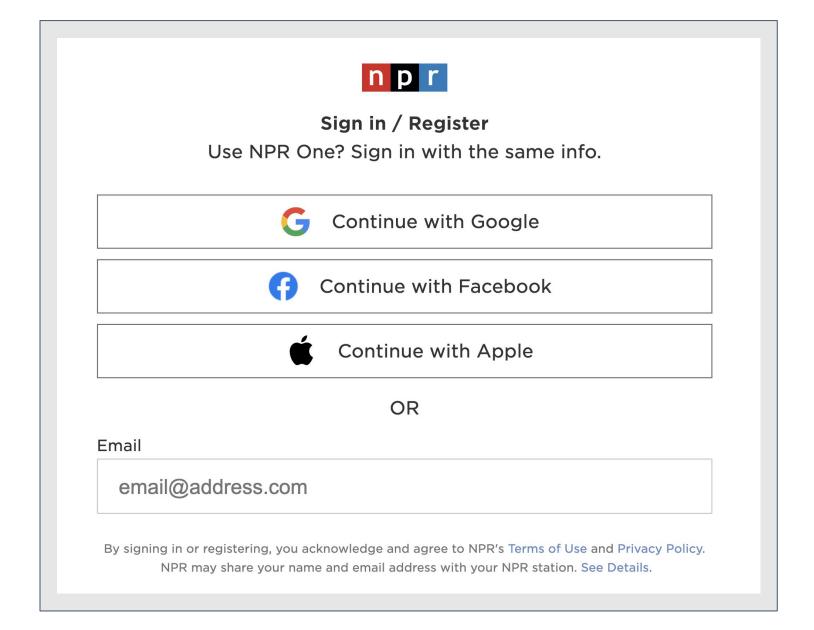
Privacy & Identity Federation

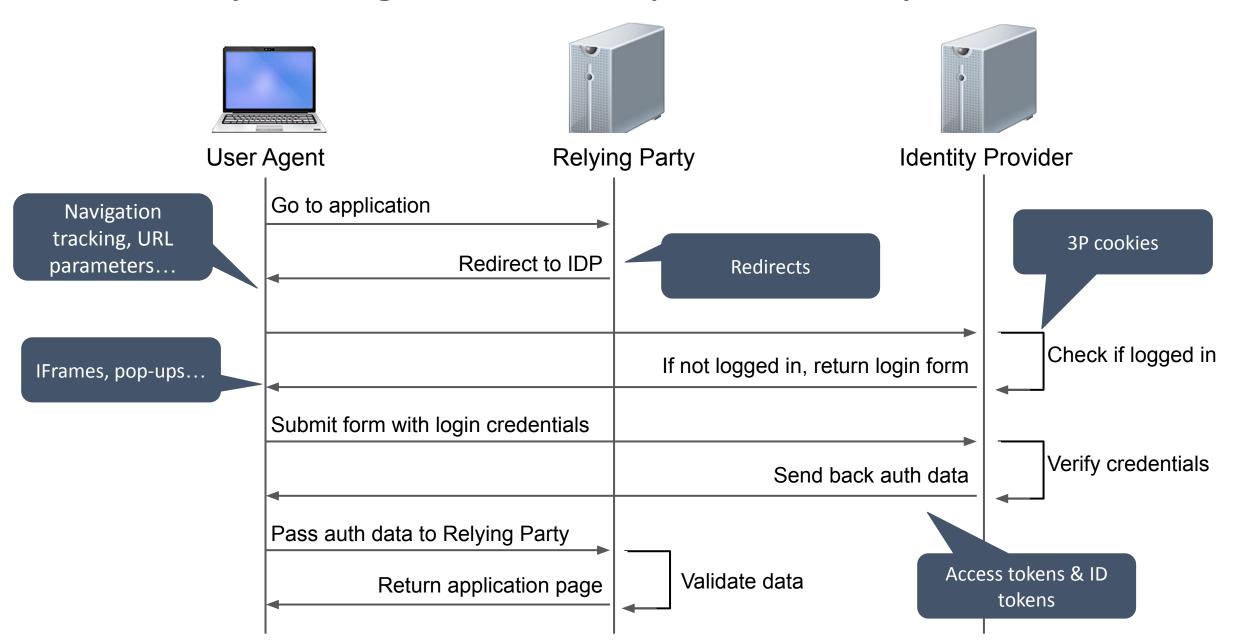
TPAC 2022

Identity Federation



The ability to login to one system using your account from a different system.

Privacy Changes Often Impact Identity Federation



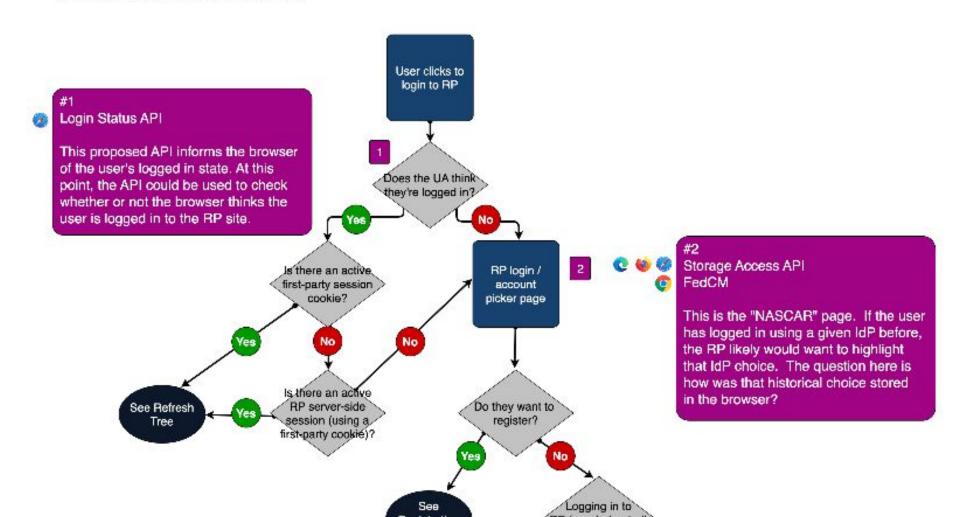
The Challenges

- There aren't just one or two ways to implement identity federation. Implementations are often unique to the relying parties.
- The organizations that rely on identity federation are not just commercial organizations with dedicated developers. It's often used in higher education, by governmental agencies, small businesses, etc.
- There aren't just a handful of identity providers. There are actually thousands which also come from very diverse organizations.

We Created Decision Trees To Identify Options

Federated Login Tree:

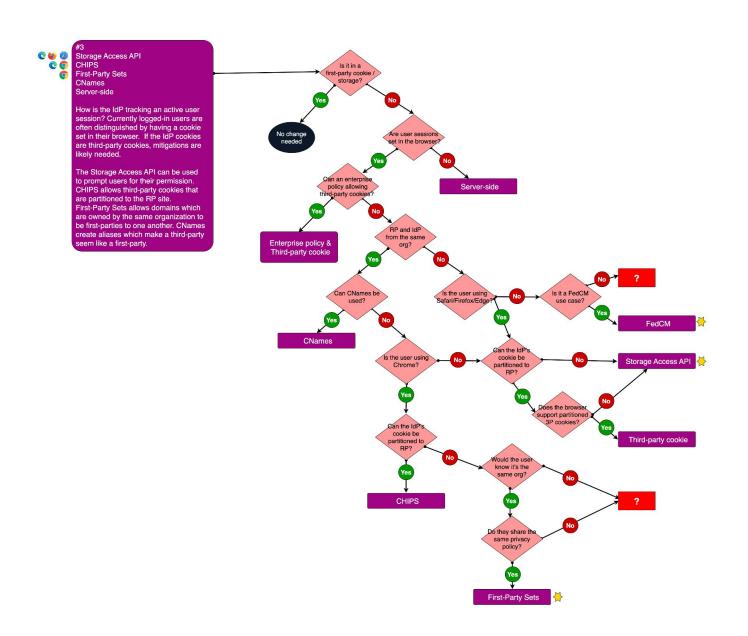
OIDC & OAuth 2 Authorization Code Flow (front-channel & back-channel)



Proposals That Might Come Into Play

Proposals	
Federated Credentials Management (FedCM)	It supports some identity federation use cases. Focused on the loss of third-party cookies
Storage Access API	Accessing client storage - but there are potential issues
CHIPS	Using partitioned third-party cookies
<u>First-Party Sets (FPS)</u>	When the domains are owned by the same organization
Login Status API (aka isLoggedIn)	A signal for whether the user agent knows if the user is logged in
CNames	Relying parties setting up a CName for the Identity Provider
Enterprise Policies & Third-Party Cookies	Have enterprises create a policy which allows the use of third-party cookies

If The User Needs To Login



Our Goals/Asks

- We can't break identity federation
- Proposals are developed for where there aren't identified solutions for
- Proposals take into consideration the federated identity use cases
- Proposal authors coordinate on how these use cases are handled
- Browser vendors create the decision trees they expect developers to use for their browser
- The more unified these trees are across browsers, the better!

User Session Management

