

The security and fraud exemptions in DNT

Christopher Soghoian



The Center for
Applied
Cybersecurity
Research



INDIANA
UNIVERSITY
BLOOMINGTON

- Security and fraud exemptions can undermine data retention policies: Ex. Yahoo
- The “reasonable” anti security and fraud scenarios imagined by most users and policy makers are largely all 1st parties, not 3rd.
 - Ex: PayPal, online banking, Google search, Amazon
- Once a user clicks on an ad, it is a 1st party interaction. To detect click fraud, you do not need an exemption.

- Impression fraud:
 - Apple blocks 3rd party cookies by default.
 - 20-30 percent of users delete cookies.
 - Ad networks still manage to detect impression fraud in such cases. Why not with DNT?
 - Apple users haven't gone out of their way to protect their privacy (just by using Safari) – why should they get more privacy protections w/r/t tracking than users who seek out and enable DNT.

- We must question the ad networks' claims.
- They don't want to provide any details (to avoid "tipping off the bad guys").
- This is largely bogus, and the same technique used by the national security apparatus.
- Secrecy used to hide things that would otherwise be laughable.