



How to exercise your rights on your data!

Nataliia Bielova

@nataliabielova

Security and ethical aspects of data Université Cote d'Azur



Outline

- 1. Part 1 see extra slides 2019-Boniface.pdf
- 2. Exercising SAR on Web trackers
- 3. Recommandations and conclusions



Implementations of Authentication on 50 popular websites

We identified 27 companies that own top 50 domains

Total number of domains	27
Privacy policies with SAR procedures	19
Require copy of a national ID card	7 (37%)
Already have a copy of an ID card	0
Provide direct access to data	11 (58%)



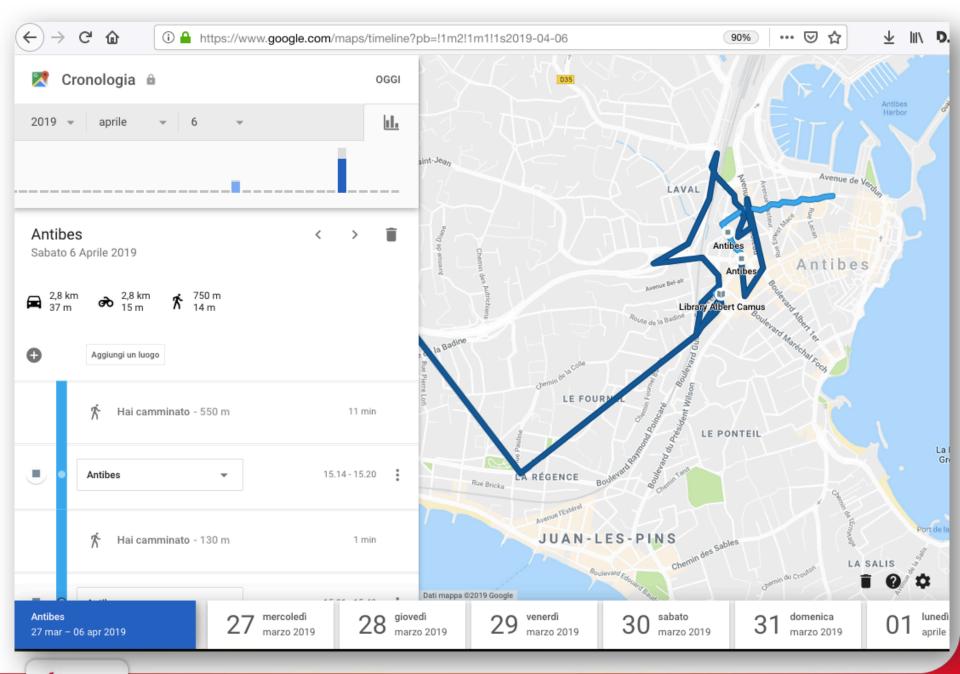
EXERCISE YOUR OWN RIGHT NOW!



Exercise 1: Your location

- Google stores your location (if you have it turned on) every time you turn on your phone, and you can see a timeline from the first day you started using Google on your phone
- Open your Google location history:
- https://www.google.com/maps/timeline?pb





(nría_

Exercise 2: Your activity

- Google stores search history across all your devices on a separate database
- Open your Google activity:
- https://myactivity.google.com/myactivity



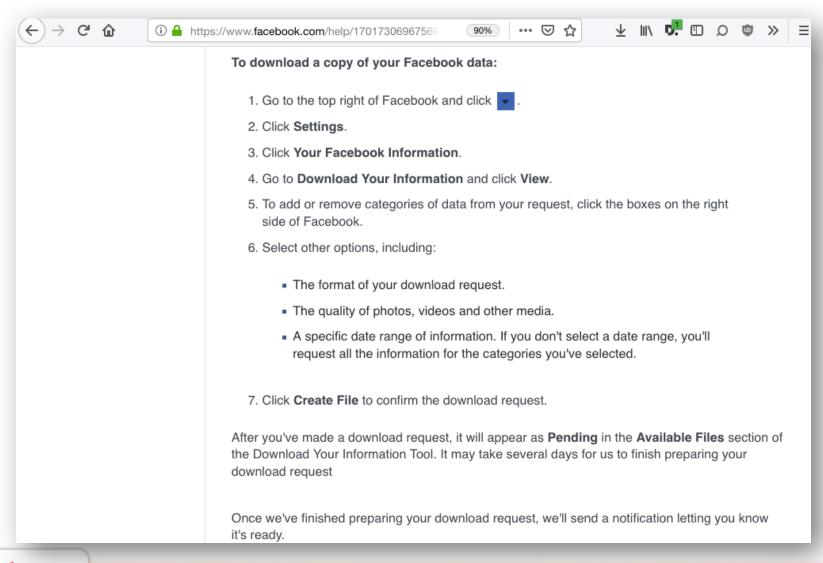
More exercises for Google

- Google advertisement profile:
 - http://www.google.com/settings/ads/
- App and extensions permissions:
 - https://myaccount.google.com/permissions/?pli=1
- Youtube history:
 - https://www.youtube.com/feed/history/search_history
- All the data Google stores about you:
- https://takeout.google.com/settings/takeout



Facebook:

https://www.facebook.com/help/1701730696756992





EXERCISING SAR ON THIRD-PARTY TRACKERS



Are third parties responsible and need to respond to SAR?



29WP (2010): advertising network providers are joint controllers and should provide SAR



DPR Article 26 GDPR states joint controllers should distribute responsibilities amongst them, by means of an arrangement, e.g.. By designating a contact point for data subjects. Also, data subjects may exercise SAR against each of the controllers



Are third parties responsible and need to respond to SAR?



Court of Justice of the EU decision of Wirtschaftsakademie

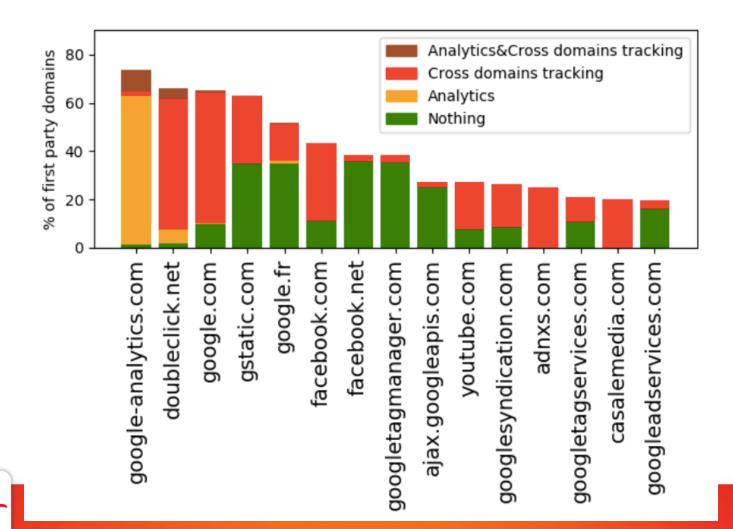
"a data subject can direct a SAR to the website administrator, irrespective of the fact that the personal data is collected through the use of cookies by **Facebook** and the administrator has no access to data. The administrator could solve this practically by redirecting the request to Facebook. However, if Facebook would not adequately comply, the organization integrating their plugin may also be held accountable"

 Conclusion: Third Party Trackers are joint controllers and cannot refuse SAR



Exercising SAR on 30 popular third party trackers

- 1 Preliminary crawling: 829,349 pages from 84K domains
- 2 Detected top 30 third party trackers





How third parties let me exercise my rights?

Top 30 trackers evaluation criteria

Is it clear how to exercise my access rights?



Is there a clear way to exercise our right? DPO contact info?

Authentication of data subject



Is it enough to provide cookies/mobile ID used for tracking or they require a national ID card?

Simplicity



Is there a direct access to my data on a platform or should I send an email?



Results of exercising subject access requests

	Authentication					Simplicity	
Third-party tracker	Online identifier		Other data			Direct	
	Cookies	Mobile ID	Name and surname	Email	ID card	access	email
Google domains	Ø	Ø	Ø	Ø	Ø	Ø	Ø
facebook.com	Ø	Ø	Ø	Ø	Ø	Ø	Ø
adnxs.com	✓	✓	×	×	×	✓	×
casalemedia.com	Ø	Ø	Ø	Ø	Ø	Ø	Ø
openx.com	Ø	Ø	Ø	Ø	Ø	Ø	Ø
pubmatic.com	✓	✓	✓	✓	1	×	✓
smartadserver.com	✓	×	×	✓	×	×	/

¹pubmatic.com also asks for a witness to sign a form and provide his ID card as well!



Exercising SAR on 30 popular third party trackers

 We identified 25 companies that own top 30 third-party tracking domains

Impossible even to start exercising SAR	4
Not able to get information on how to exercise SAR before we give the data	2
Deny access to third-party data	7
Use third-party cookies as online identifier	12
Require copy of an ID card	4
Direct access without any additional info	2



Adnxs.com: https://mydata.appnexus.com/

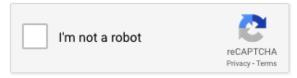


SEGMENT DATA

Segment Data

This page will show you the segments clients and third party providers using the AppNexus platform have associated to your cookie or your mobile advertising ID.

- Show segments associated with the cookie for the browser I am currently using to view this page.
- Show segments associated with my mobile advertising ID for ads in mobile applications (Identifier for Advertising (IDFA) for iOS devices, Google Advertising ID (AAID) for Android devices)



By clicking below I confirm I am the owner and sole controller of (1) computers running web browsers associated with the "uid" or "uids" cookie values set by the domain adnxs.com and/or (2) devices associated with the mobile advertising ID and I solemnly affirm and certify under penalty of perjury that the foregoing is true and correct.



CONFIRM