***Topics Related***

神楽坂エル, [11.04.21 22:22]

Focused topic: Abuse of personal data tracking in modern internet giants

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RQ:What does the abuse of personal data tracking bring and how does it affected our daily life

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Sub Questions:

1. Why is privacy so vulnerable in modern internet?

2. To what extent the internet giants have our personal information, and why do they need these information

3. What is the necessity that we shall protect us from abuse of data tracking

4. What is the future of the relationship between individual and multi-national (internet) companies who have the absolute power of over the internet

***Outline***

Intro.

arising concern => necessity of law => FLoC example => GDPR intro. + antitrust law => further discussion, moral aspects

antitrust law =>

**Laws for Internet Industry Regulating Data Collection is Necessary**

Internet companies are chasing your data as if rushing for gold. Your personal data is being collected, processed and then abused an unprecedentedly extent, in the modern Internet world full of third-party tracking programs. (..Some e.g.)

There is no free lunch. Data is also money, data industry is indeed a serious business. As the consumers is enjoying convenient services for low monetary fees or even completely free, their data is gradually and massively collected as a implicit expense for the service. Third-party trackers will notify the server what you clicked, posted, liked, watched, listened and where you went, to generate your personal portrait at their ease. Often such a tracker in the reality domain is considered dangerous and offensive, against real privacy laws, but is seldom saliently perceived in the cyberspace. It may due to the short time period from the point the business paradigm shift emerged to monetize the value of data, and the consequential lack of experience of governments and policy makers to deal with virtual privacy, together with the unawareness and ignorance of the end-users like you and me, of such a collecting process that endures along using modern electronic devices, applications and Internet facilities like the Android phones, the Chrome web browser and the Google search engine.

-- In the other side, there is an arising ethical and legal concern among the consumers to the excessive collection of personal data in the recent years, which exhibits the booming trend of the demand of more comprehensive laws from people to protect ourselves. Recently the announcement of FLoC from Google(W3C, 2021) in its popular web browser Chrome has raised an intensive controversy(Cyphers, 2021) among Internet community and users, and its replacement instead of traditional cookies are recognized as the next strategic step of the advertisement giant towards personal identification against GDPR and further incoming privacy laws. As Google hypocritically clarifying the privacy-friendly policy adopted after the cookies fade out(Clark, 2021), it’s been found that the proposed new tool is yet another tracking identifier, even more aggressive and gains more of your interests.

-- Definitely these efforts boycotting immoral and illegal data collection can’t be fruitless, and the Internet giants are not going to be tolerated and unlimited forever. Laws and regulations are to be purposed. In 2020, the ever-so-strict law came ardently welcomed by the EU people, namely the GDPR(Houser and Voss, 2018), and it confined the casual and wild situation of the data collection, and soon it billed Google for a large sum of money up to 4% of the profit a year, namely 400 million euros.(further GDPR)

-- The more data the companies stores, the more vulnerable your data is. Data leakage is the Achilles’ Heel of the massive data collection. Imagine the database of some third-party tracker providers is hacked and your data is exposed to the hackers or even the public, and such cases are actually very common to a extent that, numerous zero-day back-doors and exploitation appear publicly per week and more privately utilized and traded on the vulnerability underground market(Ablon et al., 2014) and people heard about website’s or company’s database leak from more than once a month. Also given the condition that your data is gathered in detail and these data is stored very “safely”, that the cloud storage is dispensed in several backup data centers, you data is however under real risk not from the data loss but the vulnerability from vicious hackers, and the more backup copies they store, the more prone to leak your data is. In fact, such leaks are so common that a database is even built to record known password leaks to remind users whether their password has been compromised(Hunt, n. d.), and an illegitimate industry that involves selling leaked personal data has emerged and long persisted in China as reported(Zhang et al., 2021). (...Further)(Data privacy analogize real privacy)

For advertisement service providers(e.g., Google, Facebook etc.), data is money, and therefore forms a market and industry. If there is business unsupervised, there will be dominance, and if there is a market unsupervised, there shall be an antitrust law to limit the wild growth of capital. Laws on data privacy cares you in the individual aspect, as the competition laws review this problem in the perspective of inappropriate conditions in business. Robertson analyzed the massive and overdone gathering of personal information, in a perspective of not the conventional data privacy protection law but the competition law of EU(Robertson, 2020). To apply antitrust concerns latter he justified the definition of data market, emphasizing the monetary value, although the standard of which is vague for personal data. Following his discussion, the excessive data collection could therefore be interpreted as an abuse of monopoly in a way of either an inappropriate price (in the way of monetized collected data) of products exceeding the actual efficacy of the product, or unfair trading condition triggered by the additional data exclusive to the competitors.

-- Although the Internet environment of China is different with those of EU or U.S., the phenomenon of web dominance in China is also substantial, that the domestic giants like the Tencent, the Bytedance and the Alibaba has implanted their information platform into almost everywhere at which someone can access to Internet, leading to yet another kind of dominance, of the novel ability to collect data from the IP (Intellectual Property) in their control, except the aforementioned dominance of unfair price and trade condition. In the recent antitrust case of Alibaba(The State Administration for Market Regulation imposed administrative penalties on Alibaba's "two-for-one" monopoly, 2021), China government has recently realized the harm of dominance in the Internet capitals, but is still ignorant that the cause of such dominance relies upon the monopoly of the right to speak and to collect data in the virtual domain, and the only an concrete competition law in Internet industry will refrain the problem of excessive and inappropriate gathering of data of the information industry.

*It was the best of times, it was the worst of times*(Dickens, 1859). The age has witnessed the tremendous booming industry of Internet and the grand revolution in productivity and economics. The age has also seen the spirit of free, open, decentralized, crowd-sourced Internet failing in front of the capital flowing in, and the fall of him who fights with monsters of Internet monopoly. Namely Google, the challenger of the Microsoft who once owned the largest entrance of Internet, the Internet Explorer, advocating its free idealism of Internet is now yet another tyrant of the web, dominating. When idealism and initiative fail, laws and regulations shall come about, especially for data privacy. So far, there is still an enormous gap of law and regulations between real world and the virtual world, since the equivalent part of virtual world could not be clearly found or does not exist at all in the material world. Hence it’s necessary and important for policy-makers to set up solid statute law against excessive and inappropriate data collection in the virtual domain.

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