IoT and Personal Data

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IoT at a Glance

2018:
11 billion connected devices*
~400 ZBs of data generated
(400 000 000 000 000 GBs)

2020:
>20 billion connected devices**
~800 ZBs of data generated
(800 000 000 000 000 GBs)
14.1 ZBs of data stored in data centers globally

* - https://www.gartner.com/newsroom/id/3598917, this number does not include PCs and smartphones
** - https://www.cisco.com/c/en/us/solutions/collateral/service-provider/global-cloud-index-gci/white-paper-c11-738085.html

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Data Generated by IoT: Example

Open Questions:

Vendors: when are you going to protect the data available from your devices?*

Regulators: are you going to regulate IoT data in the same way as you do with PC/mobile data today?**

* - https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=13391&lang=en

** - http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2016.119.01.0001.01.ENG&toc=OJ:L:2016:119:TOC

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LET'S TALK?

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