

## **Week 21: The Internet of Things**

**October 24, 8:30 am Pacific/11:30 am Eastern**

### **Overview**

These days, it's never been easier to fill your home with insecure internet-connected devices with microphones communicating back to private companies. The prevalence of the Internet of Things (the network of physical devices connected to the internet) has huge implications for privacy, security, and consent. This week, we'll hear from technologist Matthew Garrett about why IoT brings up serious privacy concerns, what kinds of data these devices are collecting, and what can be done to prevent these devices from communicating about us in ways we never agreed to.

### **Learning objectives**

- Learn what constitutes the Internet of Things
- Learn about the privacy, security, and consent implications for IoT

### **Readings**

EPIC summary of privacy and IoT <https://epic.org/privacy/internet/iot/>

Your home is....your snitch?

<https://www.themarshallproject.org/2018/05/24/your-home-is-your-snitch>

Congress, privacy groups question Amazon's Echo Dot for Kids

<https://www.wired.com/story/congress-privacy-groups-question-amazons-echo-dot-for-kids/amp>

### **Guest lecturer**

Matthew Garrett, technologist, programmer, and free software advocate [affiliations?]

### **Discussion**

Where have you seen IoT devices in the wild?

What privacy issues are inherent in IoT?

Is IoT coming to your library?

### **Assignment**

Continue work on final assignments, incorporating IoT info where possible.