Protecting your toys

Attempts at securing the IoT

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March 2017

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Who am I?

What is IoT?

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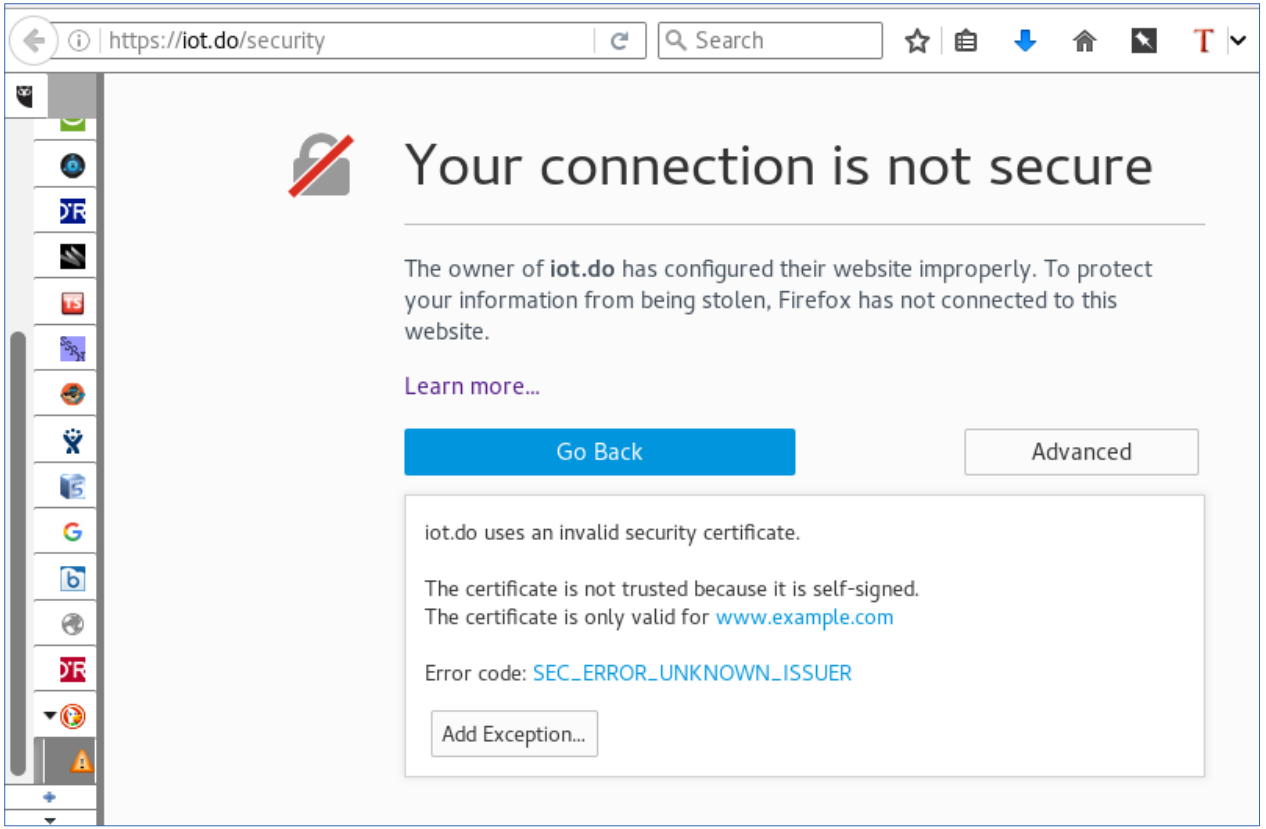
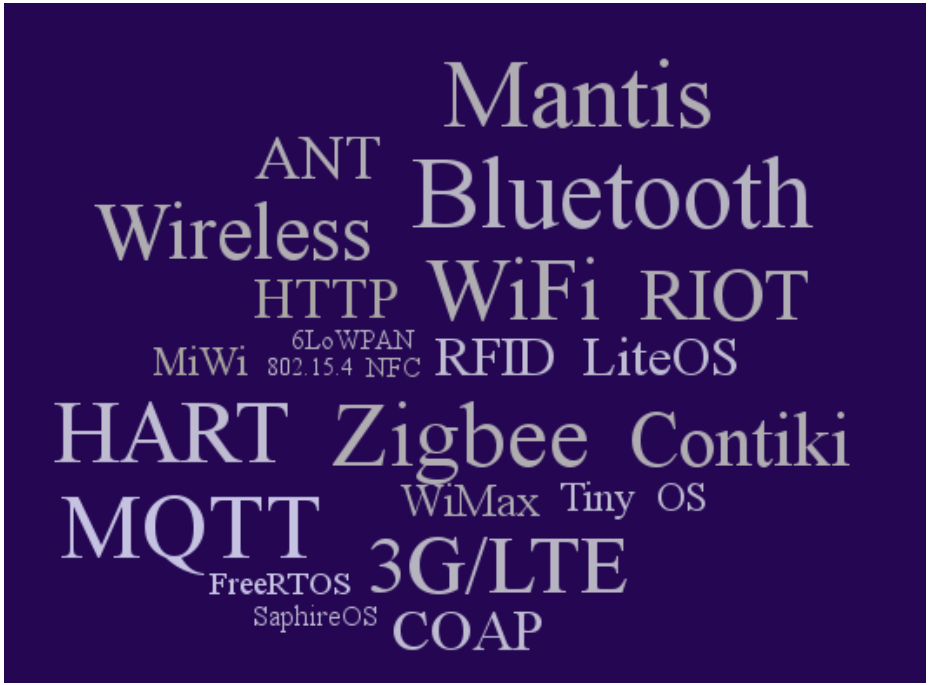
Is IoT the new APT/Big Data/Cloud?

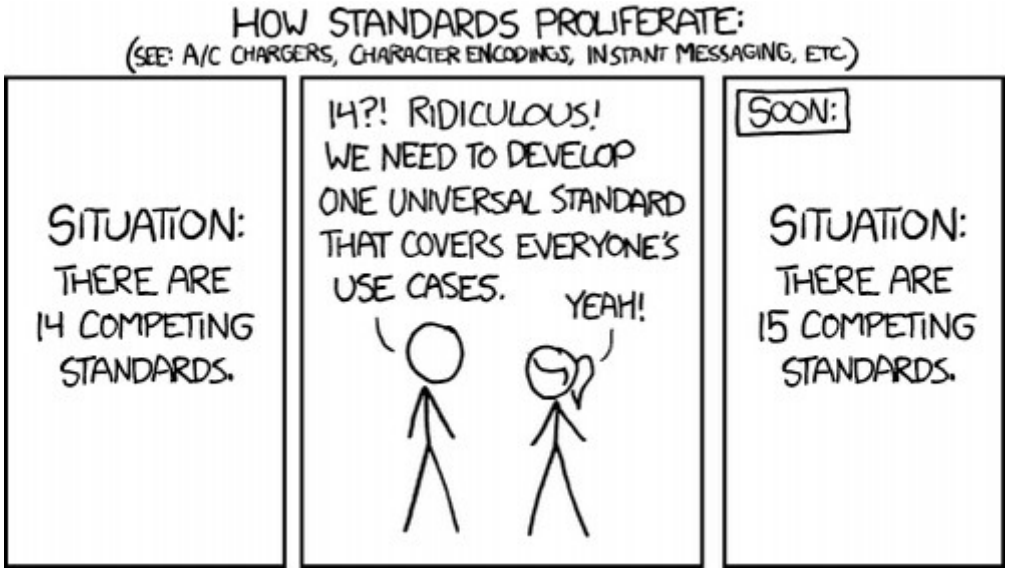
Is IoT the new APT/Big Data/Cloud?

Where to begin?



Standards will help, right?





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Research

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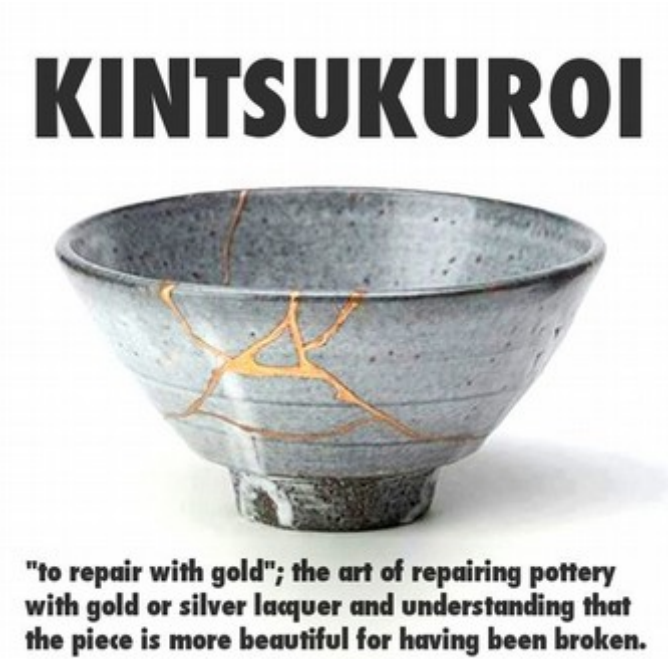
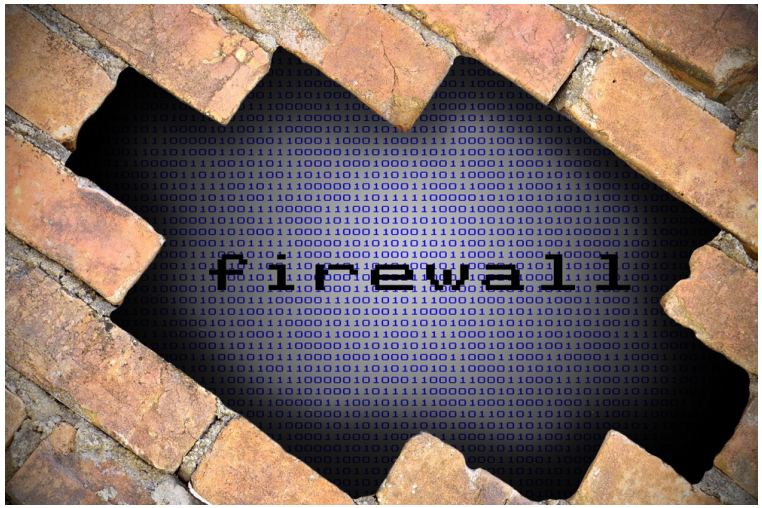
Goals of research

- Survey devices
- Find common vulnerabilities
- Identify possible mitigations
- Find unauthorized devices
- Advise the public and regulators on findings



Findings



amazon web services

Risks

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Marketing to the rescue!

What could happen…?

Defence

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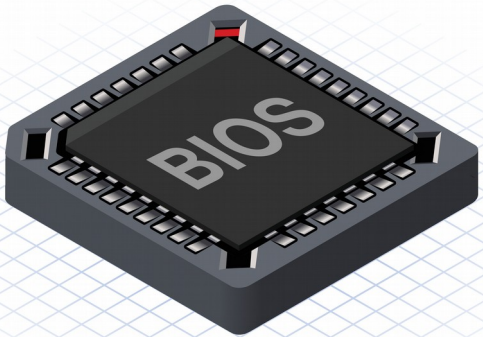
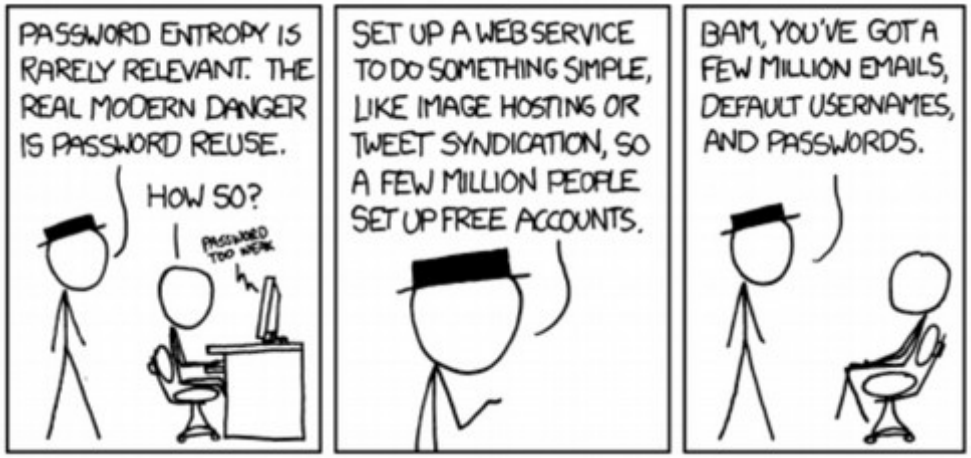
What can you do?





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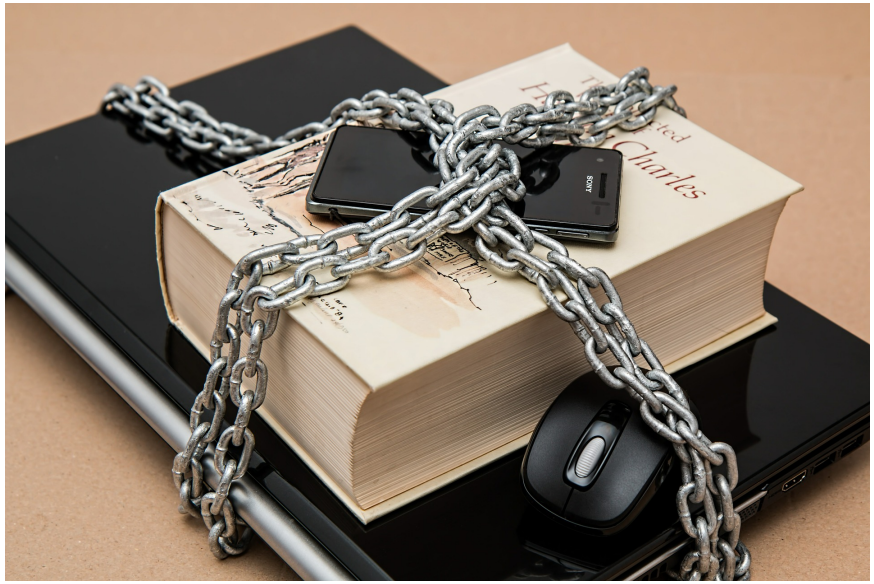
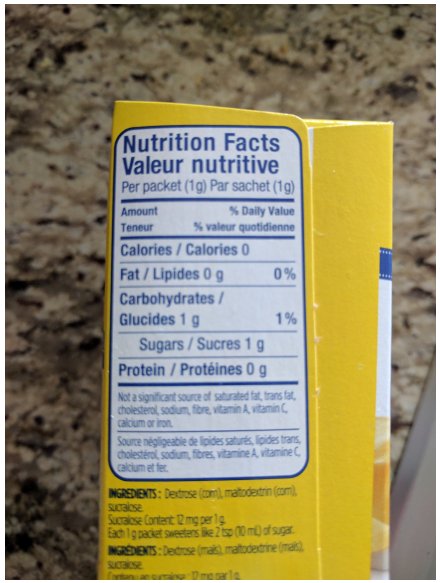
What can *we* do?





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Security made simple.