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# Cryptoparty

# Apartheid

November Chicago CryptoParty  
Lucy Parsons Labs

# thank you for hosting us



**Fred Hoch**  
Founder and General Partner

# About Lucy Parsons Labs

**Who we are:** Chicago-based collaboration between data scientists, transparency activists, and technologists

**Why:** Focused on the intersection of digital rights and on-the-streets issues

**Our work:** FOIA projects into police spending, supporting the Tor network, activist trainings on security, and more





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# Cold & Flu Season

- “50 flulike illnesses that circulate during flu season... but they’re not all the flu”
- More than 200 viruses can cause the common cold
- Adults average 2 to 4 colds a year



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“an ounce of prevention is  
worth a pound of cure”



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# Risk Assessment

France

Lille

Brussels

Maastricht

Namur

Liege

Cologne

Germany

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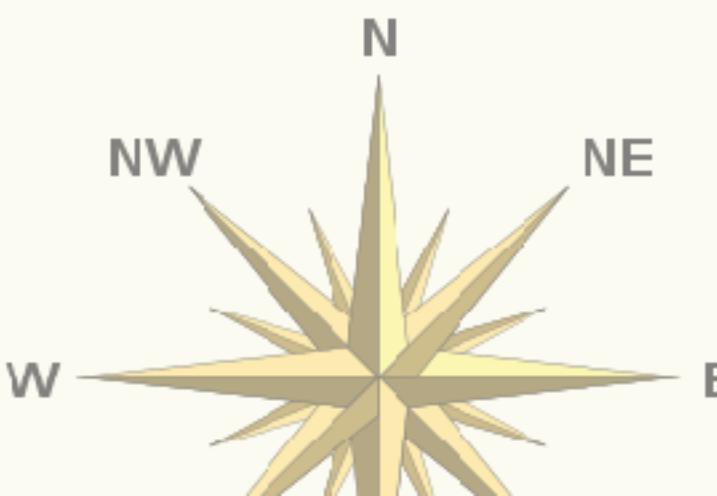
Frankfurt

Luxem-  
bourg

**threat model**

Paris

prioritize the type of protection  
*you want for your data.*



# Threat Model



1. What do I want to protect?
2. Who do I want to protect it from?
3. How bad are the consequences if I fail?
4. How likely is it that I will need to protect it?
5. How much trouble am I willing to go through to try to prevent potential consequences?



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**Assets = what I want  
to protect**





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A close-up photograph of a person's hands opening a large, metallic vault or safe door. One hand holds a long, thin metal tool inserted into the lock, while the other hand turns the handle of the door. The door is made of polished metal and has a digital keypad at the top. The lighting is dramatic, highlighting the metallic surfaces.

**Adversaries = who I want  
to protect my assets from**



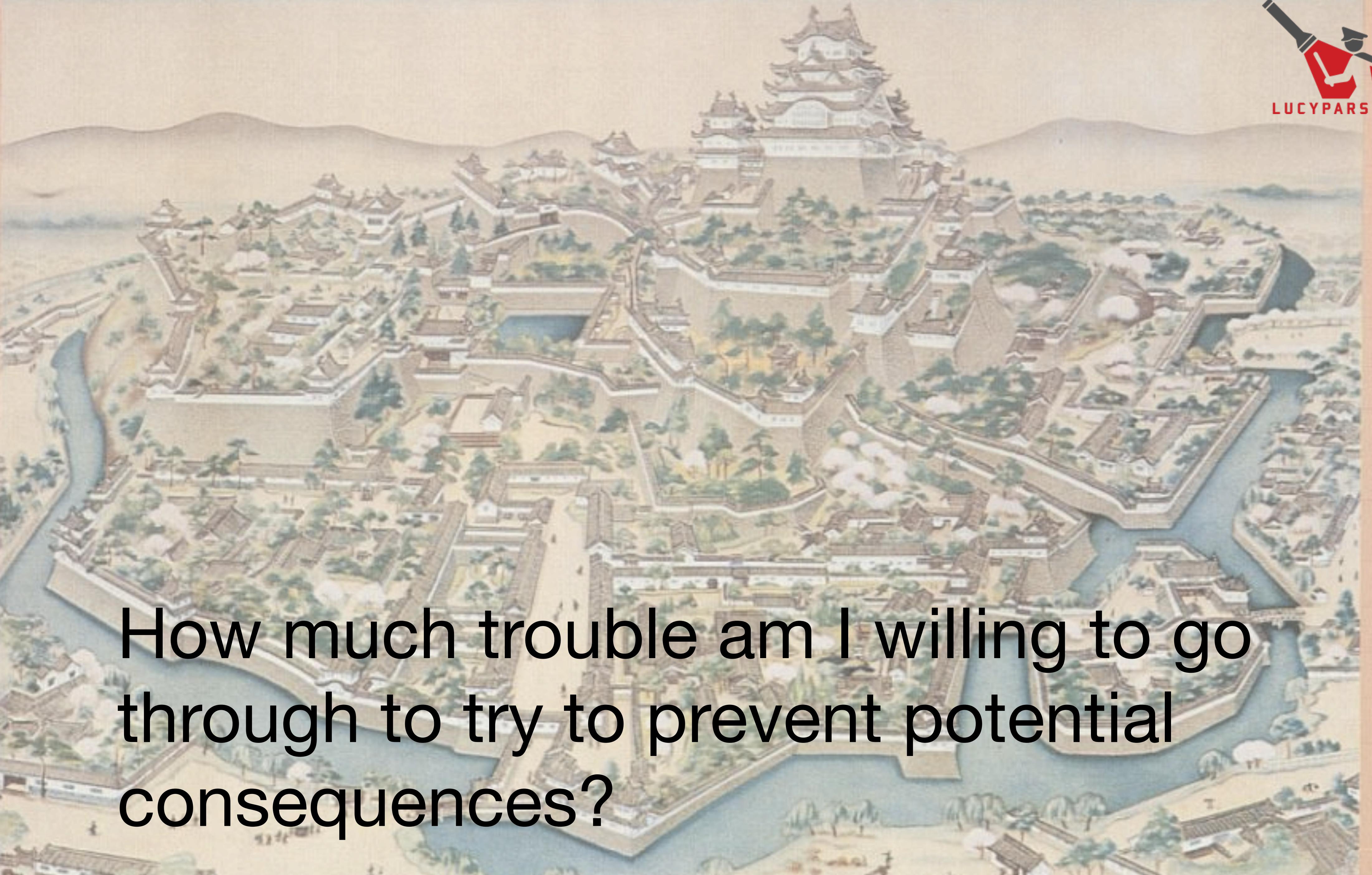
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**threat** = how bad are the consequences



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**risk = how likely is it**

An aerial view of a traditional Japanese castle town, likely Edo (Tokyo), showing a dense grid of buildings, moats, and hills in the background.

How much trouble am I willing to go through to try to prevent potential consequences?

# Sources & References



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**Assessing Your Risk**  
**Keeping Your Data Safe**

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# Securing Your Digital Life Like a Normal Person



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# Browsing



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# Tools & Tips



## Privacy Badger (EFF)

Block tracking cookies



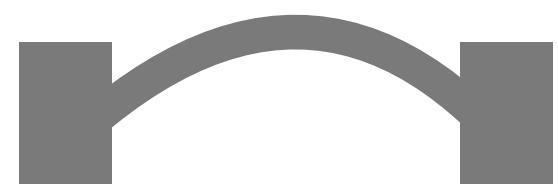
## HTTPS Everywhere (EFF)

Automatically connect to secure website



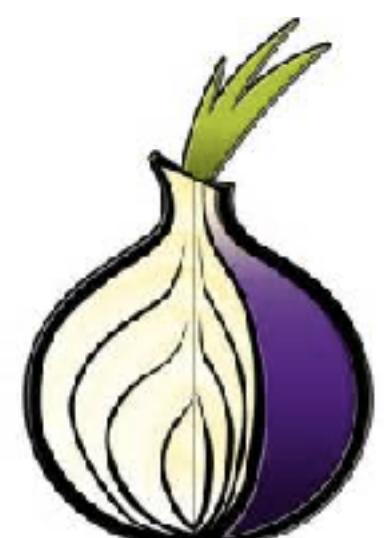
## Ad Blockers (multiple)

Automatically connect to secure website



## Virtual Private Network or VPN (multiple)

Private connection to your devices



## Tor browser (Tor Project)

Anonymous browsing network



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# Encryption



# Tools & Tips

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## Hard Drive Encryption

Firevault for Mac, BitLocker for Windows



## Signal (free, open source)

Secure calls and messages



## WhatsApp (Facebook)

Tweak settings to upgrade security



## Message Security Settings

iMessage, Facebook Messenger, MMS, SMS



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# Authentication



# Tools & Tips

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**Multi-Factor Authentication or MFA**  
2FA, login code, SMS verification



**Password Managers**  
Strong, unique passwords you don't forget



**Your Threat Model!**  
Prioritize what's important to you

# Sources & References



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**@mshelton**

**Securing Your Digital  
Life Like a Normal  
Person**

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