



---

# Can you have too much privacy?

James Tucker | Sr. SE | Intel Security

---

Hi



# So, what is this talk about?

## Some questions...

- Is cryptography inherently good?
- What about privacy?
  
- Is it possible to have too much of either?

# Too much of a good thing?

- Is ransomware too much crypto for you?
- Crypto is neither good nor evil, Though it can be used for nefarious purposes.
- Security vendors have a lot of solutions for malware.
- Cryptography is often portrayed as a panacea for privacy concerns.



# Encryption in the name of privacy.

## Mo' Crypto Mo' Privacy?

- Is privacy really the highest virtue?
- The point at which you sacrifice your ability to be secure for your privacy could be said to be the pivot point.
- Think about your corporate web gateway, IPS, etc.
- Crypto is cheap and easy, and attackers ARE using it today.
- We *\*must\** be able to look inside those secure comms to evaluate the threat.
- It all comes down to one thing: **Trust.**



# Building Trust

We have serious Trust issues.

- Would you trust corporate users to protect themselves?
    - What about dear old granny?
  - Do you trust your employer to break your privacy?
  - What about your ISP?
  - What about current systems of trust in use today?
  - Trust is most certainly contextual and cultural.
- 
- **Advanced Security and crypto can exist side by side . But only if you solve the larger issue of trust.**



