

TAILS

London CryptoParty 2013

TAILS?

- **The**
- **Amnesic**
- **Incognito**
- **Live**
- **System**

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Amnesic?

- Amnesia = “sorry, I do not remember”
- Digital forensics: figuring out what happened in the past by finding & interpreting traces left behind by the user’s activity
- Example: Opening a MS Word document creates about 5 artefacts on a Windows PC
- TAILS tries hard to not remember

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Incognito?

- Incognito = not exposing your true identity
- Incognito = avoiding surveillance

Why resist surveillance



<http://www.youtube.com/watch?v=hnMPQmIPibE>

Effects of surveillance

- Surveillance = repression

~~Positive social change~~

“Give a man a mask and he’ll tell you the truth”

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Live?

- “Live system” = runs without installation
- Runs off a USB stick or CDROM
- Great when you can't trust the computer you are using
- PC infected with malware? No problem!*

* It is theoretically possible to infect/snoop on a live system if the PC was compromised to begin with. Worry about such capabilities only if the government is actively after you.

Recap: TAILS is useful when...

- You need to exchange information in hostile environments
 - Your computer use may be scrutinised
 - Your network activity may be scrutinised
 - The computer might be infected with malware
- You want a good baseline of security and privacy “out of the box”

Demo time!

TAILS with Windows camouflage



Questions?

Continue the conversation at
<http://apapadop.wordpress.com>