Using public Wi-Fi is fine

Eloy Degen

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The past

- Public Wi-Fi was dangerous, because TLS was not yet ubiquitous.
- Browser plugin 'Firesheep' could easily hijack accounts

Developments in the past ~1.5 decade

- Almost the entire web moved to HTTPS
- Most browsers are auto-updating
- Devices are better hardened

Choice of network

Are LTE/GPON/DOCSIS/DSL secure?

- No.

Is that a problem?

- Not either. Trust the encryption on top of the network. Then the choice of network does not matter.

Advising end-users

People have a limited memory, give them advice that mitigates realistic threats:

- ► Use MFA
- ► Use a password manager
- ► Update your software
- ► Install an adblocker

WPA is not useless

- Prevent illegal things through your network
- Compliance with ISP terms and conditions
- Prevent unauthorized access to your IoT devices

Thanks for listening!

This talk in essay form: https://wifine.gitlab.io