

Master Thesis in Computer Security

Prof. Florentin Rochet
<https://frochet.github.io>
B.310

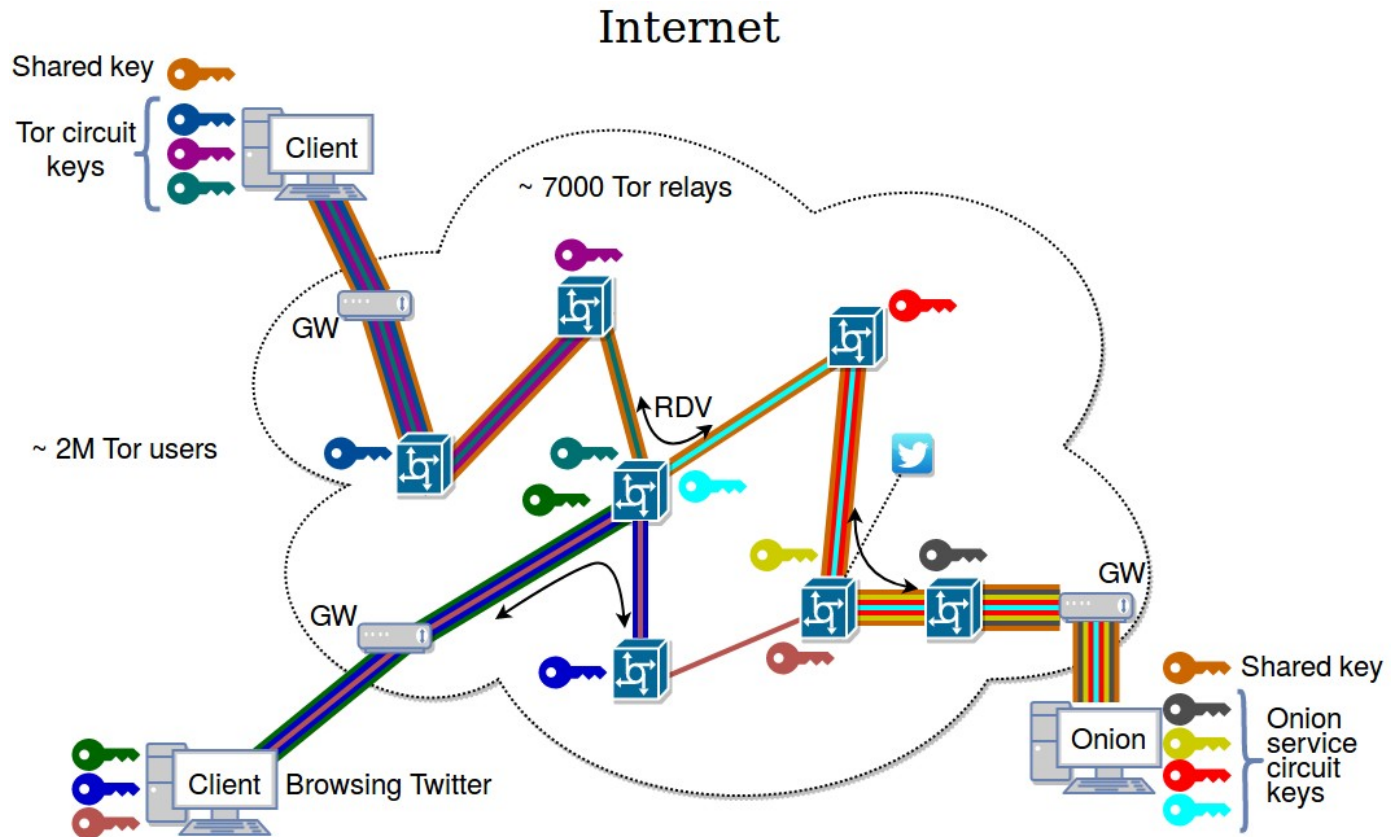
www.unamur.be



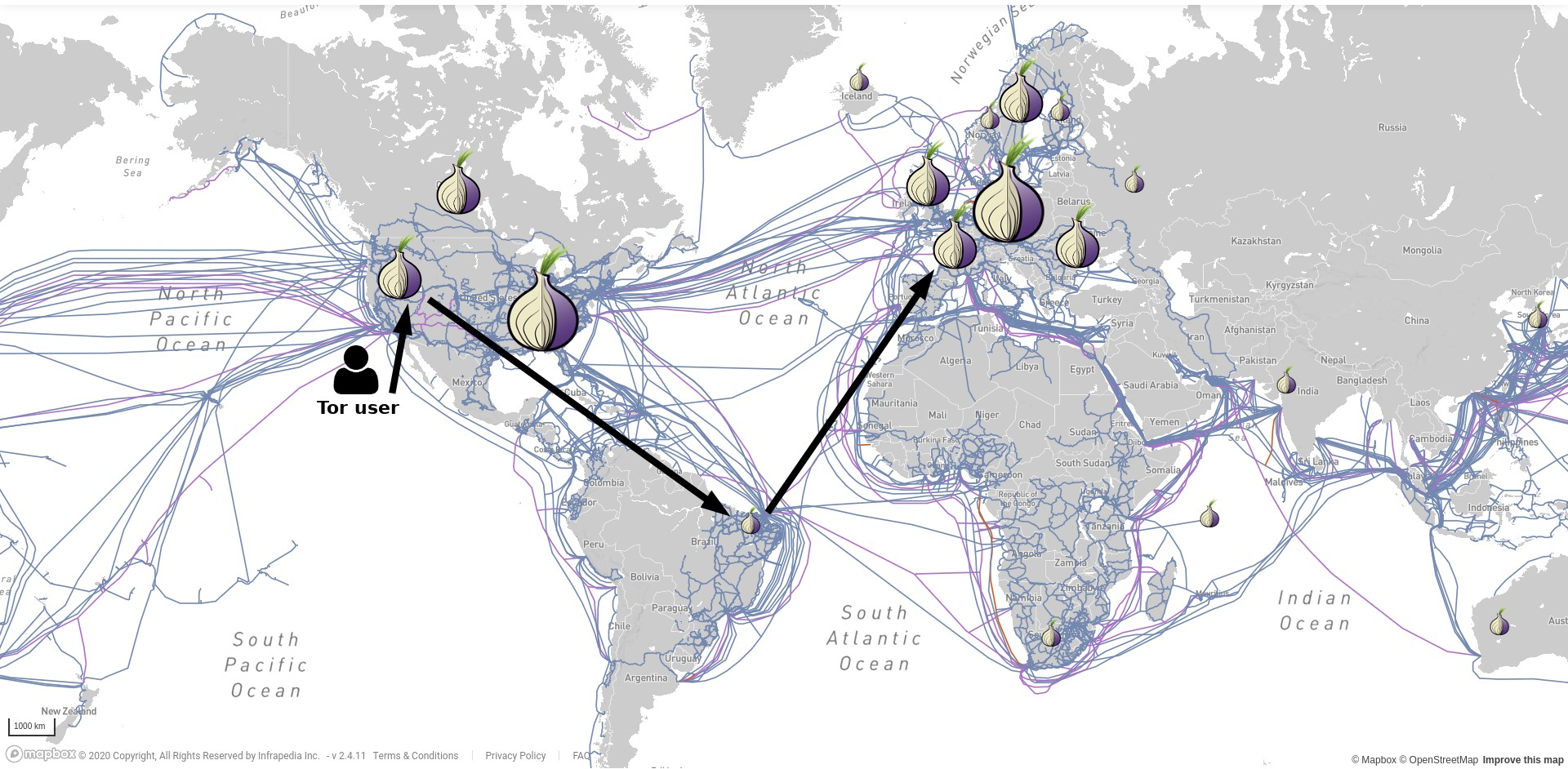
General Interests

- Building Efficient systems Private by design using Cryptography techniques
- Efficiency of Secure Transport Protocols
- Advanced software vulnerability exploitations
- Topics found on <https://freehaven.net/anonbib>

Example: Improving volunteer-based Distributed networks



What about a faster Tor?!



Example: Dreaming of Fully Encrypted Protocols On Raw Sockets

`socket(AF_INET, SOCK_RAW, ...)` goes brrr

Method

- State of the art study; plan; iterate on results
- Regular meetings altogether
 - You present your progress to the group, your issues, your successes. You set your expectations for the next meeting.
 - Feedback from anyone