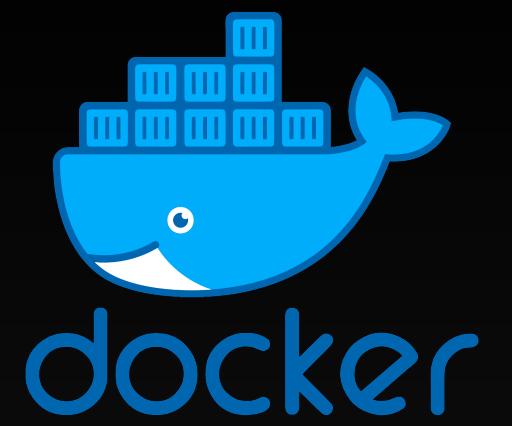


OpSec and Tails

Ross Clarke



NATIONAL
COLLEGIATE
CYBER
DEFENSE
COMPETITION

Ross Clarke

CSEC MS

Comp Sci BS

Net+

8+ years CyberSec Researcher
CrowdStrike



Golang



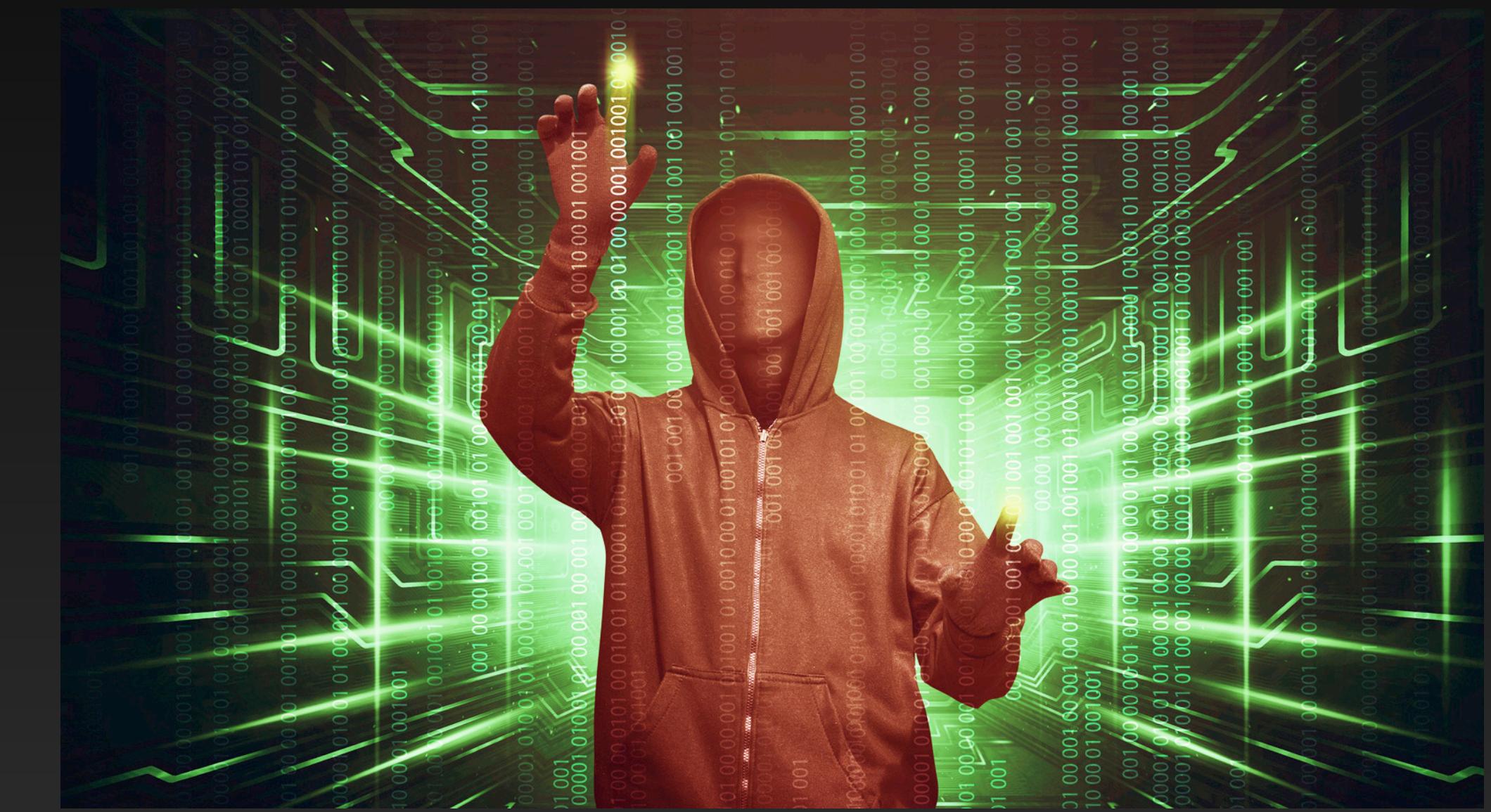
arm Developer



Operational Security



Operational Security



Operational Security



Anonymous 08/14/23(Mon)12:30:04 No.56063340

A screenshot of a forum post showing a glowing green anime-style character with long hair and sunglasses. The post includes a timestamp, file size, and a reply from another user.

Spoiler Image
1.46 MB PNG

>>56063304 #
are there glowies in this thread right now?

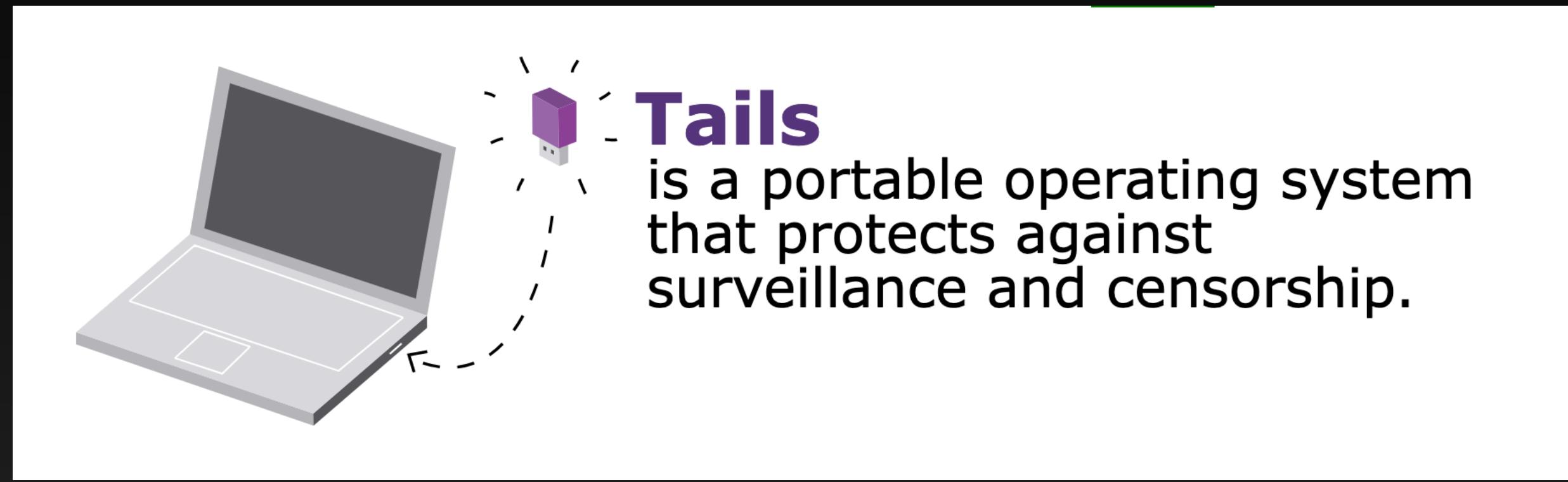
>>56063374 #
Anonymous 08/14/23(Mon)12:31:10 No.56063374

>>56063340 #
Government entities would not monitor
a /vt/ thread. Move along, sir.

174 KB PNG

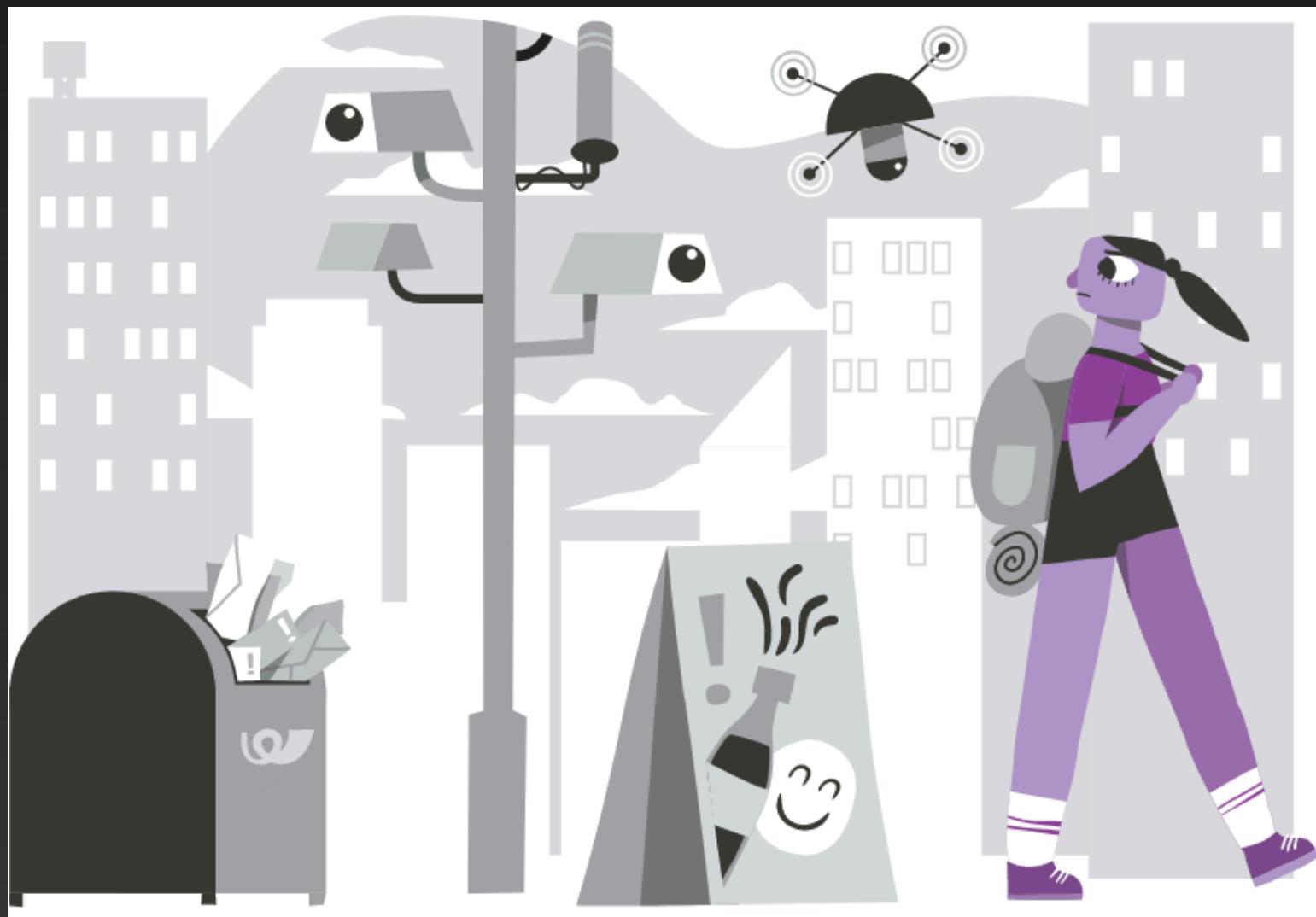


Tails



Tails

is a portable operating system
that protects against
surveillance and censorship.



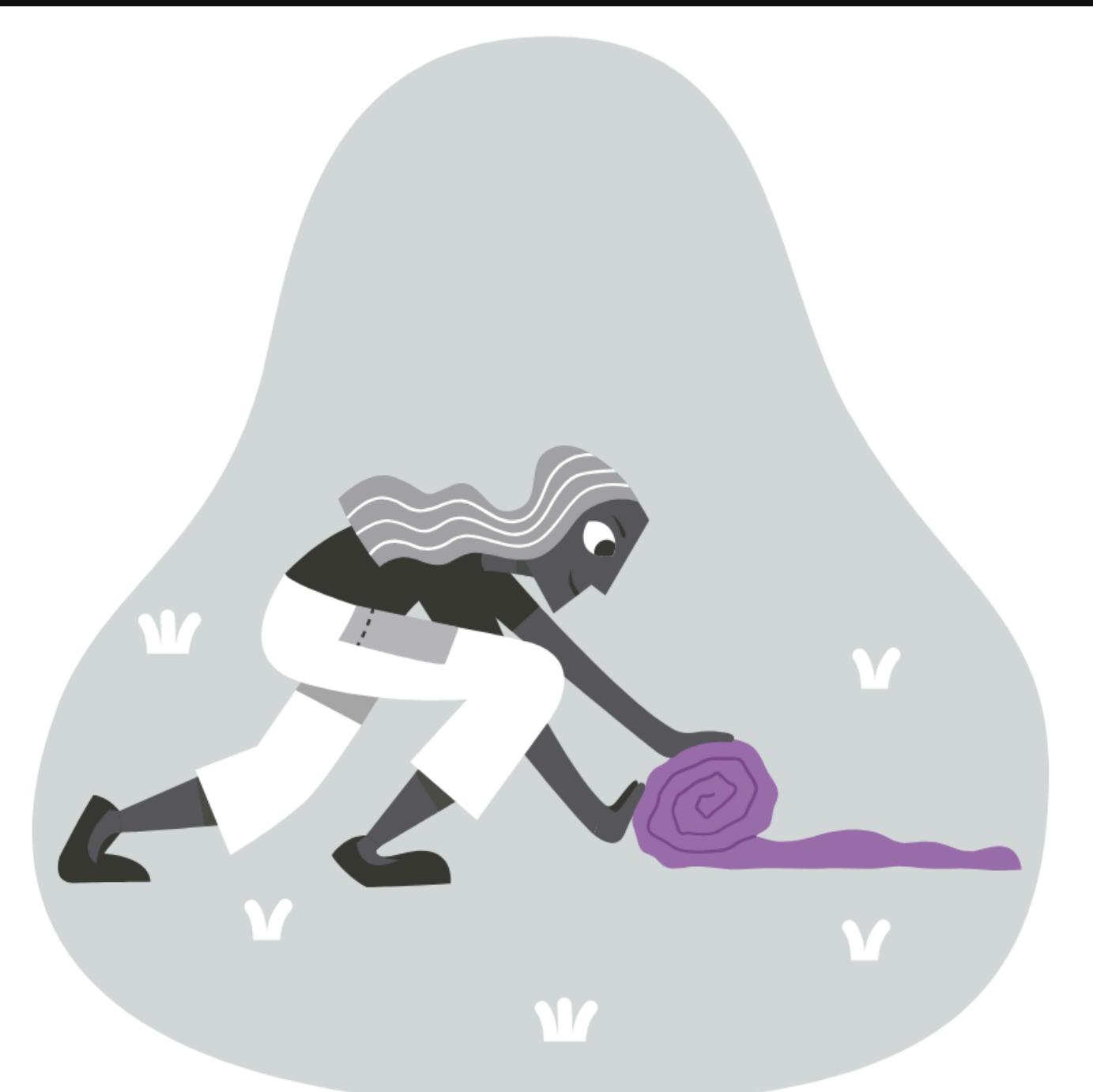
How Tails Works



Like a tent, you can carry Tails with you and use it anywhere.



How Tails Works



Like a tent, Tails is amnesic: it always starts empty and leaves no trace when you leave.



How Tails Works



Like a backpack, you can store your personal things in your Persistent Storage and use them in your tent.



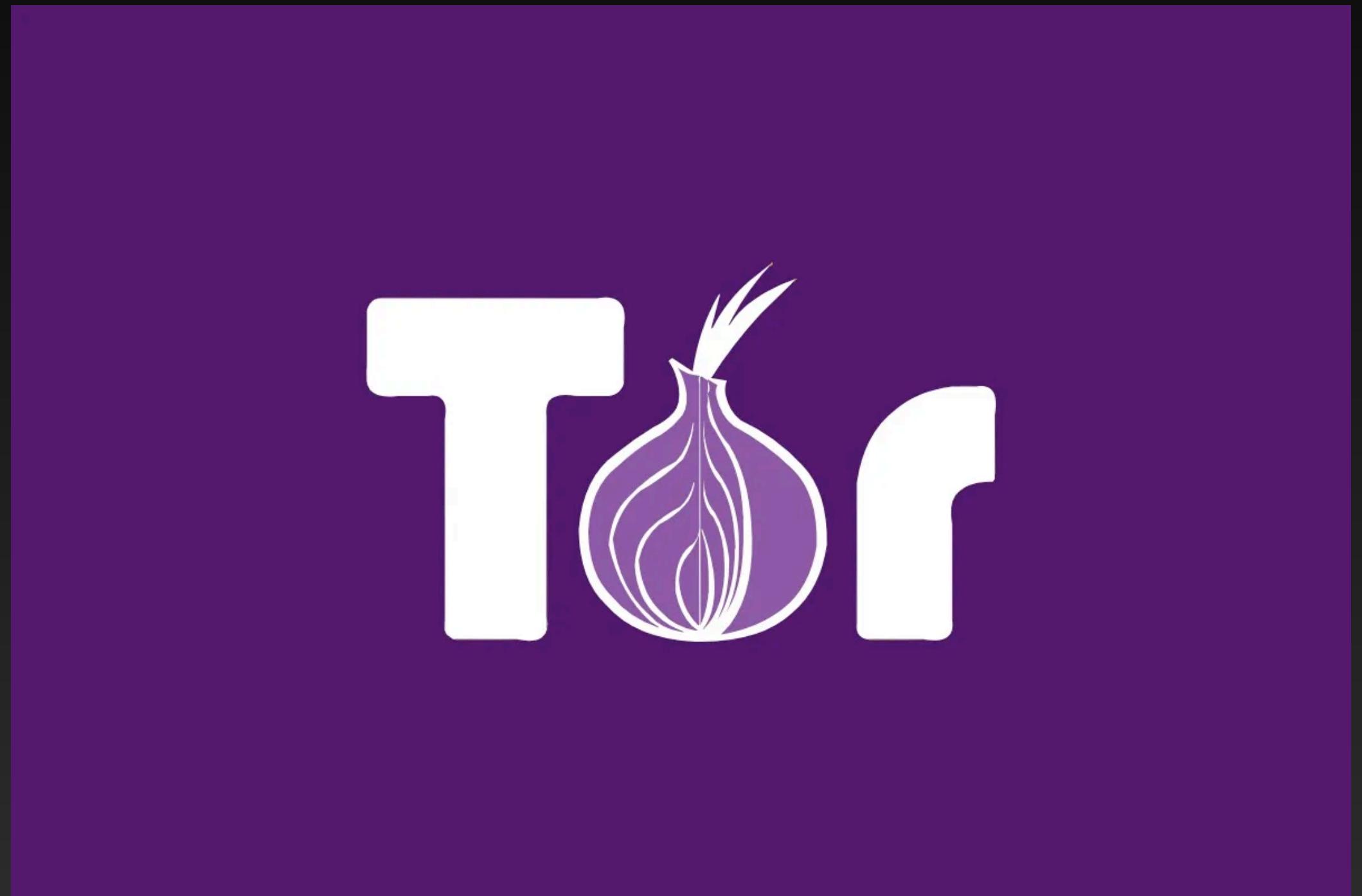
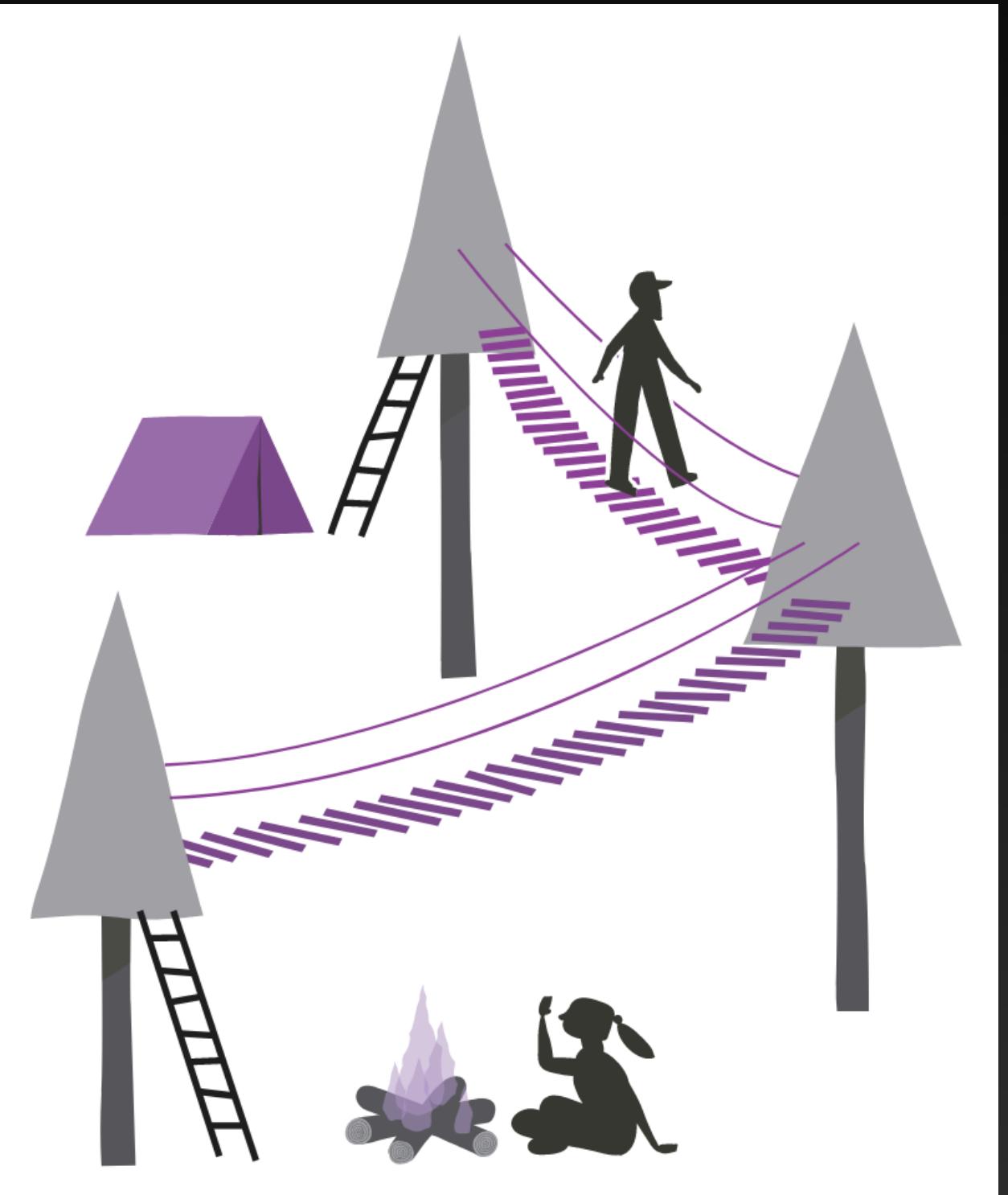
=====
dm-crypt
=====

How Tails Works



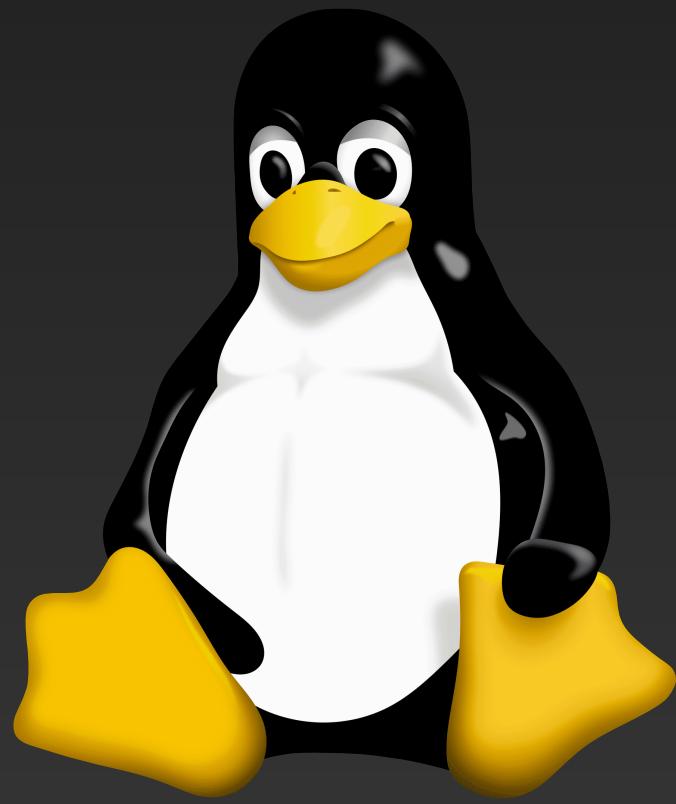
Tor Browser - browsing
Thunderbird - mail
KeePassXC - passwords
LibreOffice - corporate bs
OnionShare - file sharing
Metadata Cleaner - file stripper

How Tails Works



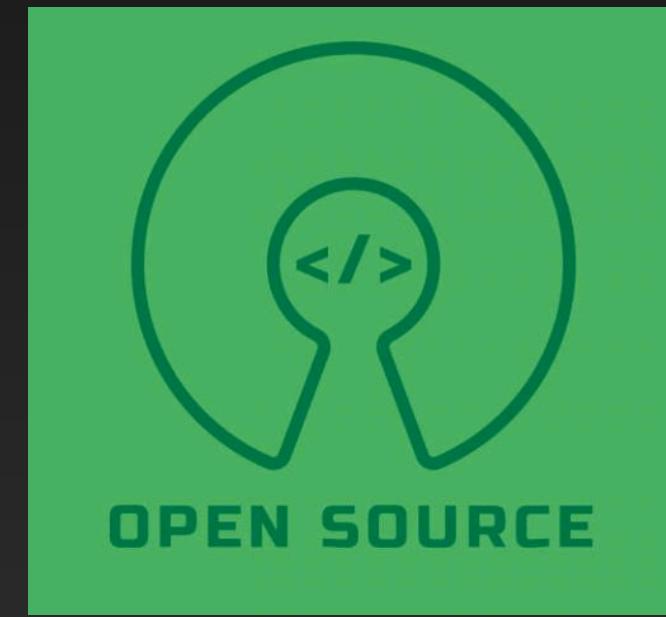
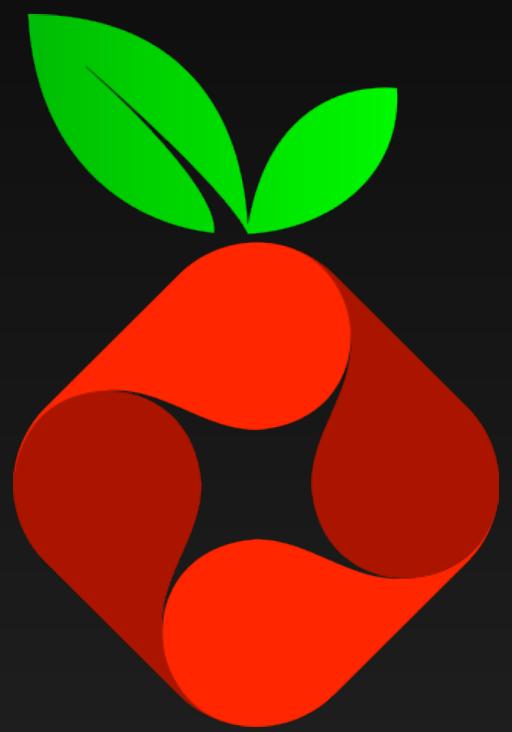
What's Tails

- Debian
- GNOME
- Additional Packages:
 - [eatmydata](#)
 - [gettext](#)
 - [ikiwiki](#)
 - [libyaml-perl](#)
 - [libyaml-yaml-perl](#)
 - [live-build](#)
 - [perlmagick](#)
 - [po4a](#)
 - [syslinux](#)
 - [time](#)
 - [whois](#)
 - [python3](#)



Demo

Less Extreme OpSec



SearXNG