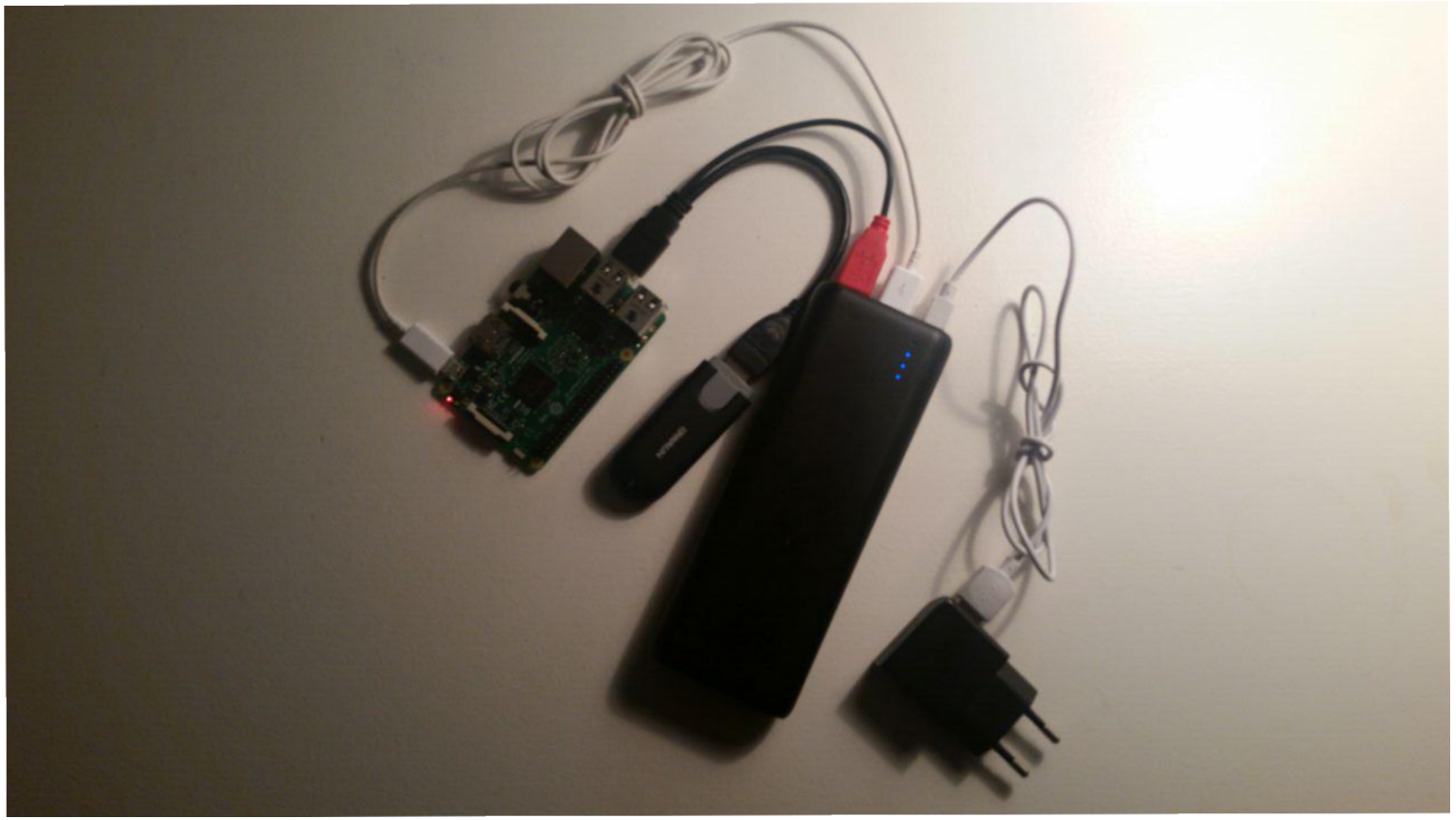
RefugeeHotspot

A mobile device to remove the obstacles that refugees face when it comes to access the internet.

http://isoc.nl info@refugeehotspot.net



Built by Niels ten Oever & Shane Kerr
Wired connectivity managed by Alexander Blom

an ISOC NL project

Refugee Hotspot

"People and the Internet should be free."

Organizations

Organizer and Initiator

Internet Society Netherlands

Sponsor

SIDN fonds

License

GPL v3 Free Software

Free as in Freedom

Collaborators

Contributors

HACKS HACKERS

rebooting journalism

waag society

institute for art, science and technology

Migrants & Refugees

- Definitions, definitions, definitions

- UN convention on Status of Refugees
- UN protocol relating to the Status of Refugees
- EU Charter of Fundamental Rights
- Dublin Agreement
- State of Exception
- People in Limbo
- Sans Papiers

Situation in the Netherlands

- Refugees centrally registered by Centraal Orgaan opvang Asielzoekers (COA)
- It's COA policy to provide Internet access at its centers
- COA is overwhelmed with large influx
- COA doesn't provide services to undocumented migrants

COA Centraal Orgaan opvang asielzoekers

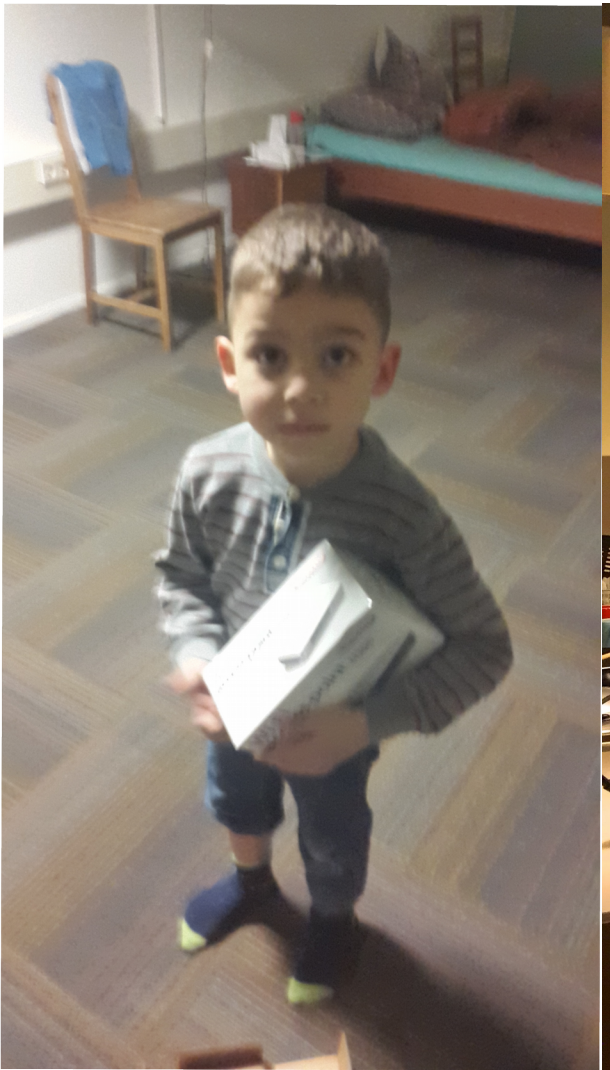
Objective

Providing Internet access to migrant and refugees – those who need it most

Activities

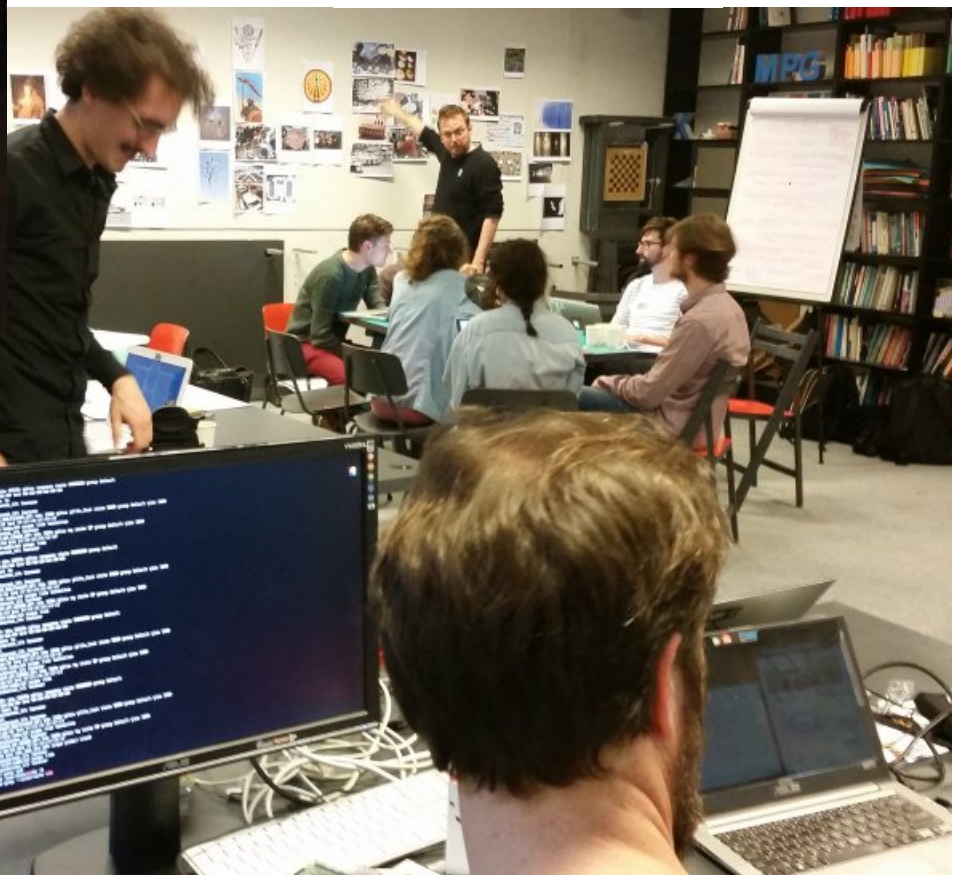
- Provide wired Internet access in (semi-)permanent locations
- Provide wireless access in all other situations

Two centers connected



Hackathon!

HACKS
HACKERS
rebooting journalism



Requirements

- Portable and sturdy (eviction or demonstration)
- Minimal state (privacy)
- Shareable bandwith
- Reasonable security expectations
- Landingpage // information page
- Remote administation
- Reasonably priced

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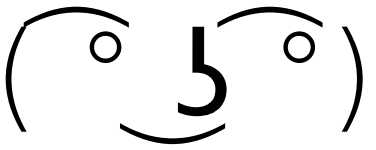
Prelimenary findings

- No existing cheap hardware that can do rate limiting + landingpage
- Netaidkit has nice security features but too low specs
- OpenWRT seems like a bit of a pain
- Raspberry Pi is very versatile and runs Debian



Intermediary findings

- It takes longer than expected :P
- 3G dongles need voodoo drivers
- 3G dongles need an external power source
- Raspberry Pi 3 comes out with integrated WiFi antenna!

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Refugee Hotspot	The Internet Society Netherlands
Providing Internet Access to Refugees and Migrants	We Are Here
	De Waag Society

Refugee Hotspot

Internet access to refugees and migrants

Welcome! أهلا بك!

You're on an internet connnection which is provided for migrants and refugees to enable their right to freedom of expression and access for information. This hotspot aims remove obstacles that refugees and migrants experience to access the Internet.

أنت الآن على اتصال انترنت مخصص للمهاجرين واللاجئين لتحقيق حقهم بحرية التعبير والوصول إلى المعلومات. الجهاز يهدف إلى إزالة العقبات التي يواجهها اللاجئون فيما يتعلق بالوصول إلى الإنترنت.

U bevindt zich op een Internet verbinding die is opgezet om vluchtelingen en migranten vrije toegang te geven tot informatie, dit stelt deze groep in staat om hun recht op vrijheid van meningsuiting uit te oefenen. Deze hotspot heeft als doel om de online belemmeringen die vluchtelingen ervaren weg te nemen.

Vous êtes connecté à un réseau prévu pour les migrants et réfugiés. Il permet l'accès aux libertés fondamentales d'expression et d'information. Ce dispositif vise à réduire les obstacles que rencontrent les réfugiés face à l'accès à internet.

Bienvenido, esto es una conexión a internet para migrantes y refugiados para mejorar su libertad the expresión y acceso a la información. Este dispositivo ayuda a remover los obstaculos que confrontan los refugiados a la hora de acceder a internet y proporciona un kit de herramientas de media para refugiados, activistas y culquier otra persona.

Usage and security - a word of caution

You're on a political network that is powered by a 3G mobile data connection. This means that the amount of data which can be transferred per month in limited. That's why the connection speed is limited to 50kb/s.

This is an open WiFi network. This means people in the vicinity could scan the network for traffic. To protect yourself, verify websites use HTTPS/SSL when you send sensitive information. Also consider using Tor to anonymize your browsing behavior. You can install Tor for PC, Mac, and Android.

For more information on digital security visit the surveillance sef-defense guide and educate yourself.

Please use this network responsibly

Connect to the Internet

About

If you have questions about this hotspot or this project, always feel free to contact us at:
hotspots@refugeehotspot.net

You can find technical information at: https://refugeehotspot.net

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"People and the Internet should be free."
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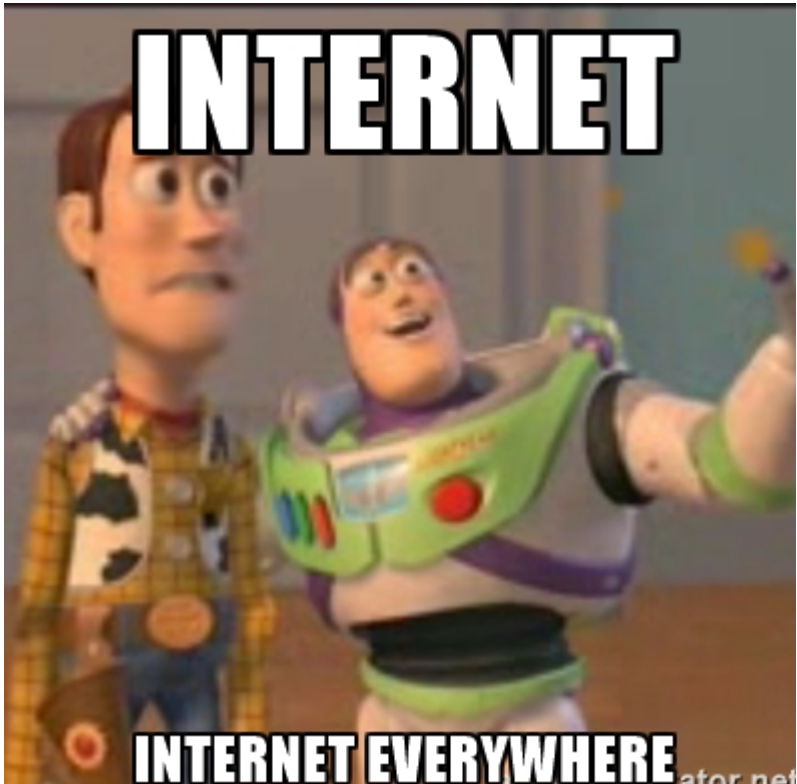
Future?

- Smooth install script
- Beta testing with 'We Are Here'-collective
- Casing with De Waag Society
- Dissemination and larger scale testing with collectives Hamburg, Berlin, and Brussels
- Dissemination throughout Europe and beyond



Contribute?

https://github.com/RefugeeHotspot/RefugeeHotspot

- Manual designers
- Website designers
- Beta testers
- Ideas
- PULL REQUESTS ┌(-_-)┘ └(-_-)┐ └(-_-)┘ ┌(-_-)┐

REFUGEES
WELCOME
NO ONE IS ILLEGAL