RefugeeHotspot

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

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Wired connectivity managed by Alexander Blom
an ISOC NL project
Refugee Hotspot

"People and the Internet should be free."
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
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
Requirements

• Portable and sturdy (eviction or demonstration)
• Minimal state (privacy)
• Shareable bandwidth
• Reasonable security expectations
• Landingpage // information page
• Remote administration
• Reasonably priced
Preliminary 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

(° 5 °)
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
Internet access to refugees and migrants

Welcome!

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


U bevindt zich op een internetverbinding 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 l'internet.

Bienvenido, esto es una conexión a internet para migrantes y refugiados para mejorar su libertad de expresión y acceso a la información. Este dispositivo ayuda a remover los obstáculos que enfrentan los refugiados a la hora de acceder a internet y proporciona un kit de herramientas de media para refugiados, activistas y cualquier 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 is limited. That’s why the connection speed is limited to 50kbs.

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 set defense guide and educate yourself.

Please use this network responsibly

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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Connect to the Internet
REFUGEE HOTSPOT

Internet access for those who need it most: refugees and migrants

Help us connect refugees

OPTION 1: GIVE
Give to the project by donating a refugee hotspot to a group of refugees or help us pay bandwidth.

OPTION 2: DIY
buy the equipment, put it together yourself and optionally 3D print the casing

OPTION 3: BUY
buy a fully installed Refugee Hotspot (including or excluding casing)
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

- Support on captive portal
- Support on traffic shaping
- Manual designers
- Beta testers
- Ideas (for instance GSM -> UTP failover)
- PULL REQUESTS

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REFUGEES

WELCOME

NO ONE IS ILLEGAL