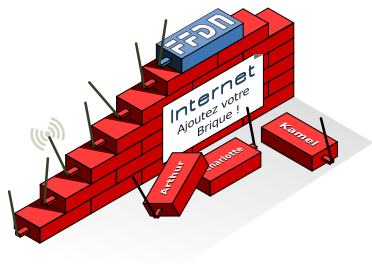


Internet³

Neutral Internet & Self-hosting



**YUNO
HOST**

LDN
LORRAINE DATA NETWORK



OuiShareLabs May 2015



Fédération FDN

libre, neutral

and
decentralized

Libre & neutral ?

Whithout Internet³



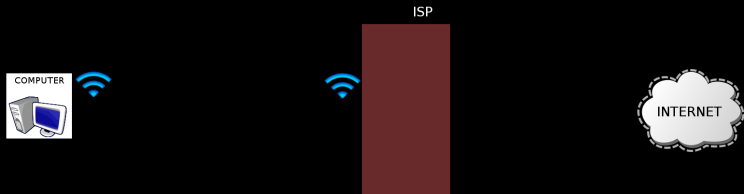
Whithout Internet³



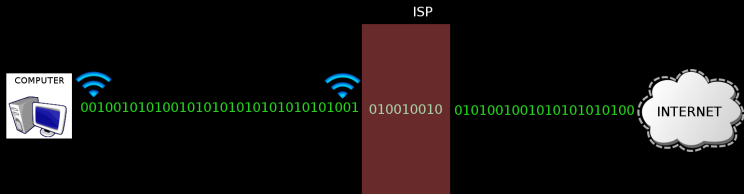
ISP



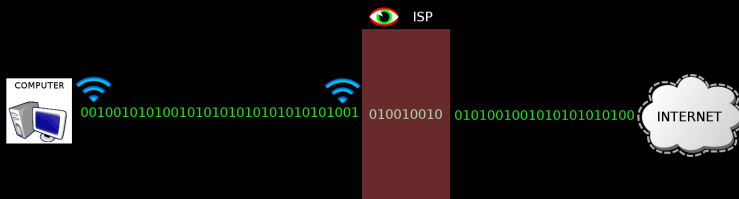
Whithout Internet³



Whithout Internet³



Problems ?



Problems

- Traffic shaping (Comcast Vs Netflix)

Problems

- Traffic shaping (Comcast Vs Netflix)
- Port blocking (port 25)

Problems

- Traffic shaping (Comcast Vs Netflix)
- Port blocking (port 25)
- Dynamic IP addressing / no IPv6

Problems

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With the Internet³



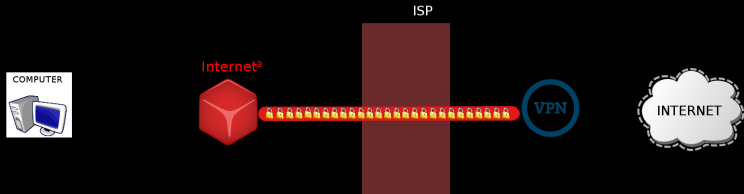
ISP



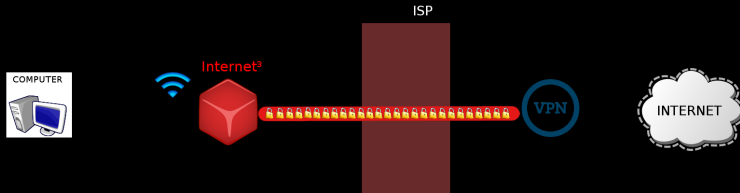
With the Internet³



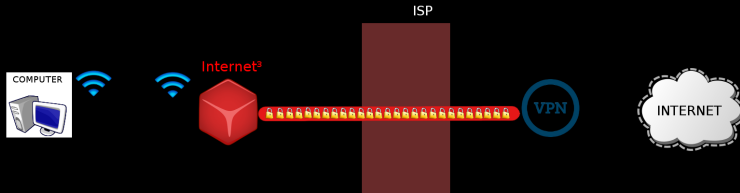
With the Internet³



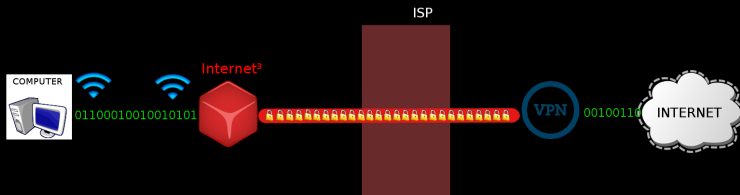
With the Internet³



With the Internet³



With the Internet³



Problems ?

- Traffic shaping (Comcast Vs Netflix)
- Port blocking (port 25)
- Dynamic IP addressing / no IPv6
- Censorship (DNS hijacking)
- Surveillance (NSA/French Gov ?)
- Use of personal data

Problems ?

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Problems ?

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-
-
-
- Surveillance (NSA/French Gov ?)
- Use of personal data

Problems ?

-
-
-
-
-
- Use of personal data

Libre and
neutral!

Decentralized ?

How do we communicate on the internet?

The image is a collage of three distinct internet interfaces. On the left is the Facebook homepage, featuring the blue header with the 'facebook' logo, the text 'Connect with friends and the world around you on Facebook', and navigation links like 'See photos and updates', 'Share what's new', and 'Find more'. In the center is the Skype website, showing the 'skype' logo and links for 'Explore', 'Prices', and 'Down'. On the right is the Google sign-in page, with the 'Google' logo at the top, the text 'One account. All of Google.', and a sign-in form with fields for 'Email' and 'Password', a 'Sign in' button, and options for 'Stay signed in' and 'Need help?'. A 'Download Skype' button is also visible at the bottom right of the Skype section.

What do you agree on when you use Google services?

*"When you upload, submit, store, send or receive content to or through our Services, you give **Google (and those we work with)** a **world-wide license to use, host, store, reproduce, modify, create derivative works** [...] communicate, publish, publicly perform, publicly display and distribute such content))"*

What do you agree on when you use Facebook services ?

*For content that is covered by intellectual property rights, like photos and videos [...] (IP content), you specifically give us the following permission, subject to your privacy and application settings : **you grant us a non-exclusive, transferable, sub-licensable, royalty-free, world-wide license** to use any IP content that you post on or in connection with Facebook*

And how long at Google ?

*This license continues **even if you stop using our Services.***

And how long at Facebook ?

*This IP License ends when you delete your IP content or your account **unless your content has been shared with others**, and they have not deleted it.*

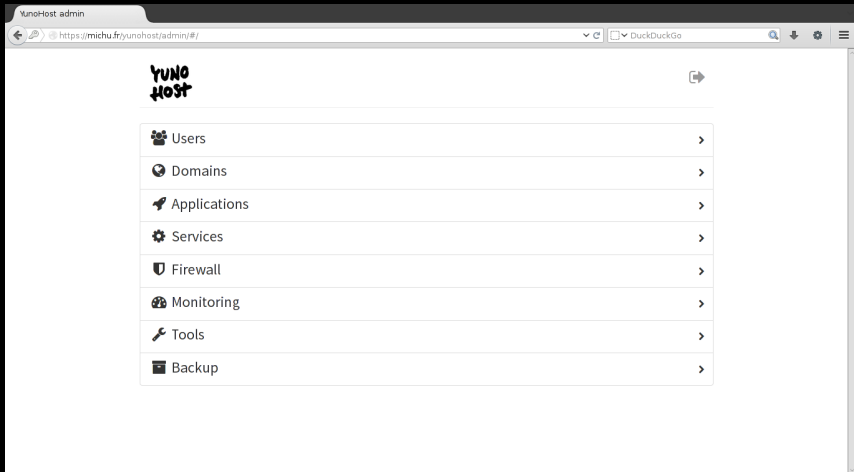
*When you delete IP content, it is deleted in a manner similar to emptying the recycle bin on a computer. However, you understand that removed content may persist in backup copies **for a reasonable period of time***

And with Internet³?

YUNG
HOST

Keep calm and host yourself


What?



YunoHost admin

https://michu.fr/yunohost/admin/#/apps/install

DuckDuckGo



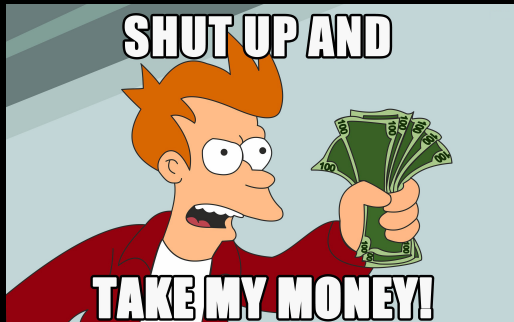
Applications Install Refresh list

phpMyAdmin <small>phpmyadmin</small>	>
Manage MySQL databases over the web	
Dokuwiki <small>dokuwiki</small>	>
DokuWiki is a simple to use and highly versatile Open Source wiki software that doesn't require a database.	
GateOne <small>gateone</small>	>
HTML5-powered terminal emulator and SSH client	
OwnCloud <small>owncloud</small>	>
Sync & share your files, pictures, music, contacts, calendars, and much more!	
Searx <small>searx</small>	>
A privacy-respecting, hackable metasearch engine	
OpenSondage <small>opensondage</small>	>
OpenSondage allows users to create polls to coordinate meeting times or vote on a list of options.	
Baikal <small>baikal</small>	>
Lightweight CalDAV/ CardDAV server	

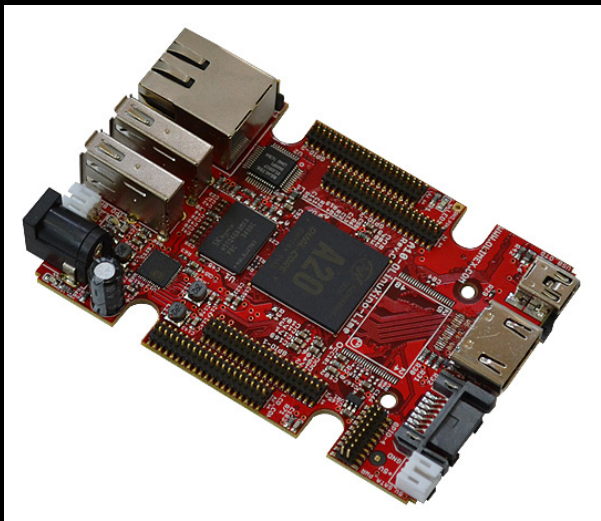
https://michu.fr/yunohost/admin/#/apps/install/owncloud

Decentralized !

Price ?



Olimex board



Box



Power supply



Wifi antenna



Memory card

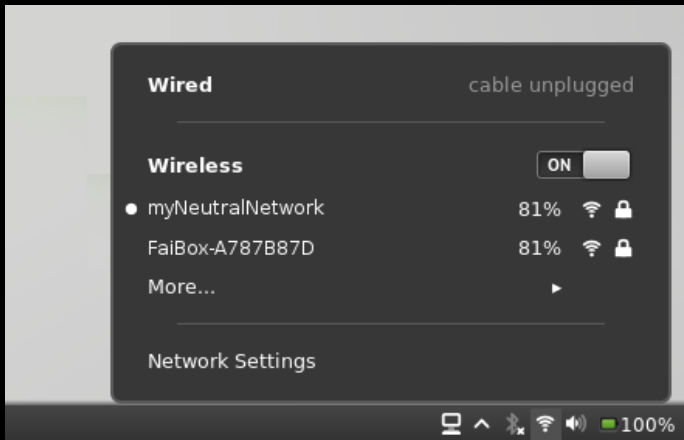


Approximately **70€ for 1 complete*** Cube
(shipping costs included)

Approximately **7 € / months** for a
VPN

** for a grouped order > 9 Cubes, otherwise 80€*

And it works out of the Cube



Outline

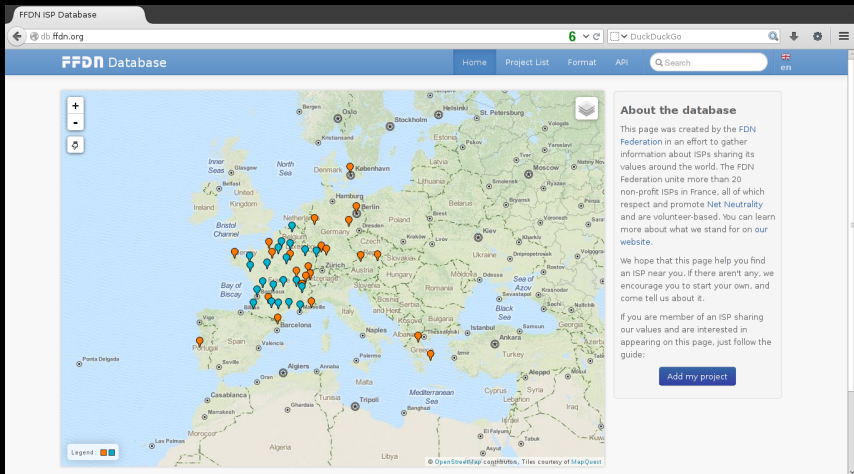
The Internet Cube enables you to :

- Easily **clean** your Internet access
- **self-host** services and personal data without huge computer skills

Where can you find this Cube ?

Because this Cube is not yet in Amazon catalog

From your local non-profit ISP



The screenshot shows a web browser displaying the FFDN Database website. The browser's address bar shows the URL 'db.ffdn.org'. The website's header includes the 'FFDN Database' logo and navigation links for 'Home', 'Project List', 'Format', and 'API'. A search bar is also present. The main content area features a map of Europe with numerous colored pins (orange, blue, and green) indicating the locations of various ISPs. A legend in the bottom-left corner of the map shows three colored squares. To the right of the map, there is a text box titled 'About the database' which explains the project's purpose and provides contact information. At the bottom of this text box is a blue button labeled 'Add my project'.

FFDN Database

Home Project List Format API Search

About the database

This page was created by the FDN Federation in an effort to gather information about ISPs sharing its values around the world. The FDN Federation unites more than 20 non-profit ISPs in France, all of which respect and promote Net Neutrality and are volunteer-based. You can learn more about what we stand for on our [website](#).

We hope that this page help you find an ISP near you. If there aren't any, we encourage you to start your own, and come tell us about it.

If you are member of an ISP sharing our values and are interested in appearing on this page, just follow the guide:

[Add my project](#)

Or DIY because the software part is free

La Brique Internet
Bâillons ensemble un Internet libre, neutre et décentralisé
The Internet <http://labriqueinternet.net>

Filters [New repository](#)

piratebox_ynh
PirateBox app for YunoHost (base)
Updated 2 days ago

vpnclient_ynh
VPN Client app for YunoHost
Updated 2 days ago

hotspot_ynh
WiFi Hotspot app for YunoHost
Updated 2 days ago

torclient_ynh
TOR Client app for YunoHost
Updated 2 days ago

labriqueinter.net
Website labriqueinter.net
Updated 3 days ago

labriqueinternet / vpnclient_ynh
VPN Client app for YunoHost — Edit
98 commits 2 branches

branch: master **vpnclient_ynh / +**

change Require-start in init script
Erick Morel authored 9 days ago
blacknang committed 8 days ago

- conf
- scripts
- sources
- LICENSE
- README.md
- TODD
- marhtest.json
- marhtest.json.options
- screenshot.png

VPN Client

Overview

labriqueinternet / labriqueinter.net
Website labriqueinter.net <http://labriqueinter.net/> — Edit
15 commits 1 branch 0 releases 3 contributors

branch: master **labriqueinter.net / +**

Amélioration du responsive
jvsbourg authored 9 days ago
latest commit 6ac106e27

- css Amélioration du responsive 3 days ago
- font int 14 days ago
- img Ajout This is Internet 9 days ago
- js Hptesting : HTML5 et Responsive 4 days ago
- pdf int 14 days ago

YunoHost
Essayer Installer

The Cube applications :

- Pirate Box
- Tor Proxy

The Cube applications :

- Pirate Box
- Tor Proxy
- Clear your mobile Internet Access
- Mediacenter
- Portable Mesh node
- Temporary collaborative server
- Nas
- ...

discussions@listes.labriqueinter.net

- Mailing Lists – <https://listes.labriqueinter.net/>
- Images (beta) – <https://repo.labriqueinter.net/>
- Build scripts – <http://build.labriqueinter.net/>

<http://LaBriqueInter.net>