The Internet,
the Web, and the Cloud
is that not all the same?

By Yori Fournier

(1/4)

Informations & Contact

- Website : http://www.witi.zici.fr

- Irc channel : irc://anarchy.esper.net/witi

- Email : y.fournier@aip.de

Sources

- **People**: Benjamin Bayart, Richard Stallman, James Boyle, Aaron Swartz, Stéphane Bortzmeyer, ...

- **Int. Prov.**: FDN, FFDN, INBERLIN ...

- **Political organisation**: Quadrature du Net

pixabay.com, openclipart.org and wikipedia for the pictures.

Who I am ?

- Someone who wants to share his know-ledge about the Internet.

- Not an expert neither a professional.

- Not a native English speaker.

About the conference series

- Four talks of 30 minutes each
  - 24th of September → **What is the Internet?**

  - 8th of October → **How to use the Internet?**

  - 22nd of October → **What is the impact of the Internet on the virtual world?**

  - 5th of November → **What is the impact of the Internet on the physical world?**

- 30 minutes discussion

- Beer !

Summary

1. What is the Internet?

2. Why should we use the Internet?

3. How to use the Internet?

4. Why do they want to kill the Internet?

What is the Internet ?
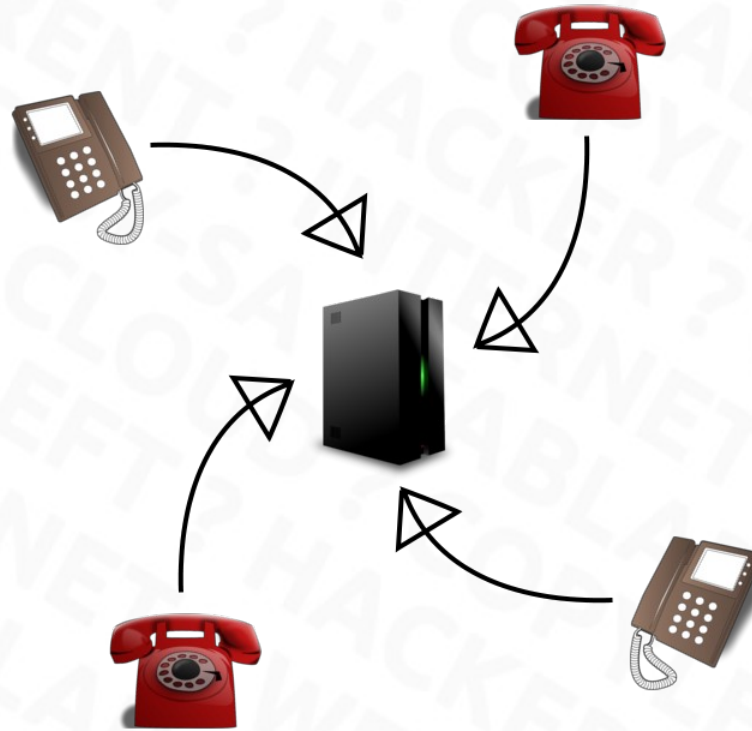
What is the ~~Internet~~ TELEPHONE ?

What is the ~~Internet~~ ?
TELEPHONE

What is the ~~Internet~~ ?
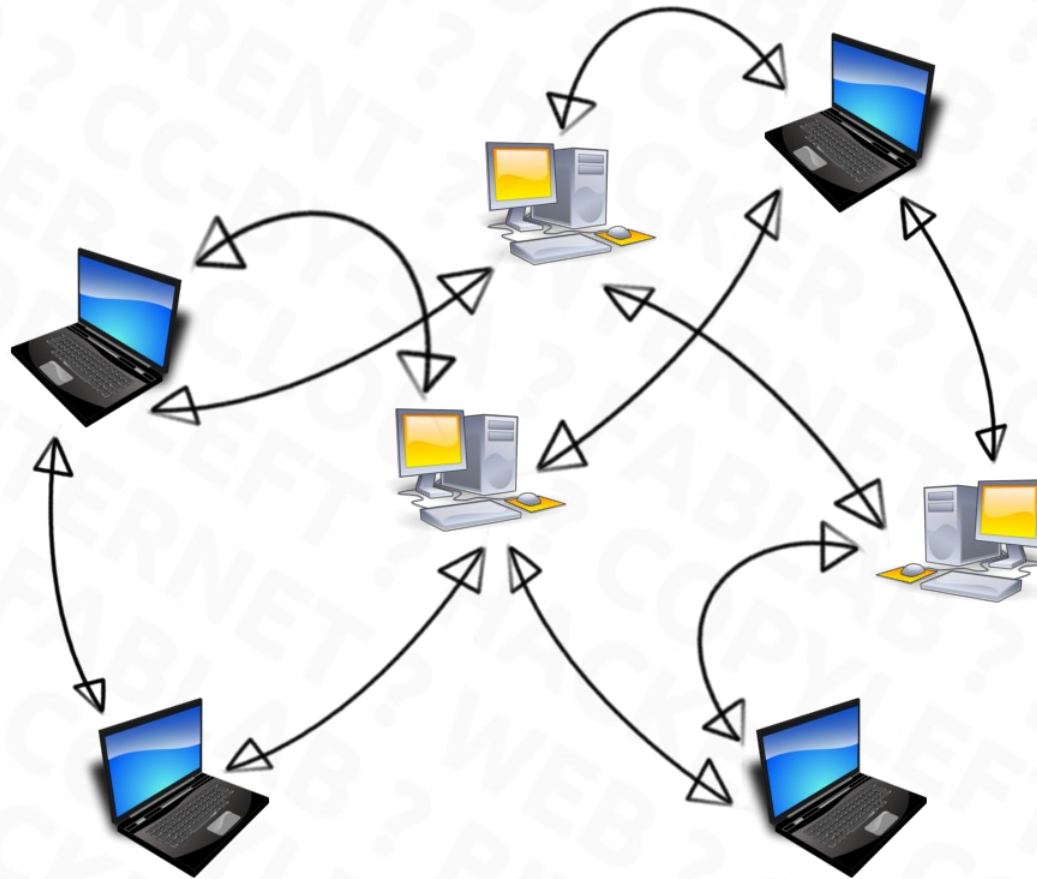## TELEPHONE

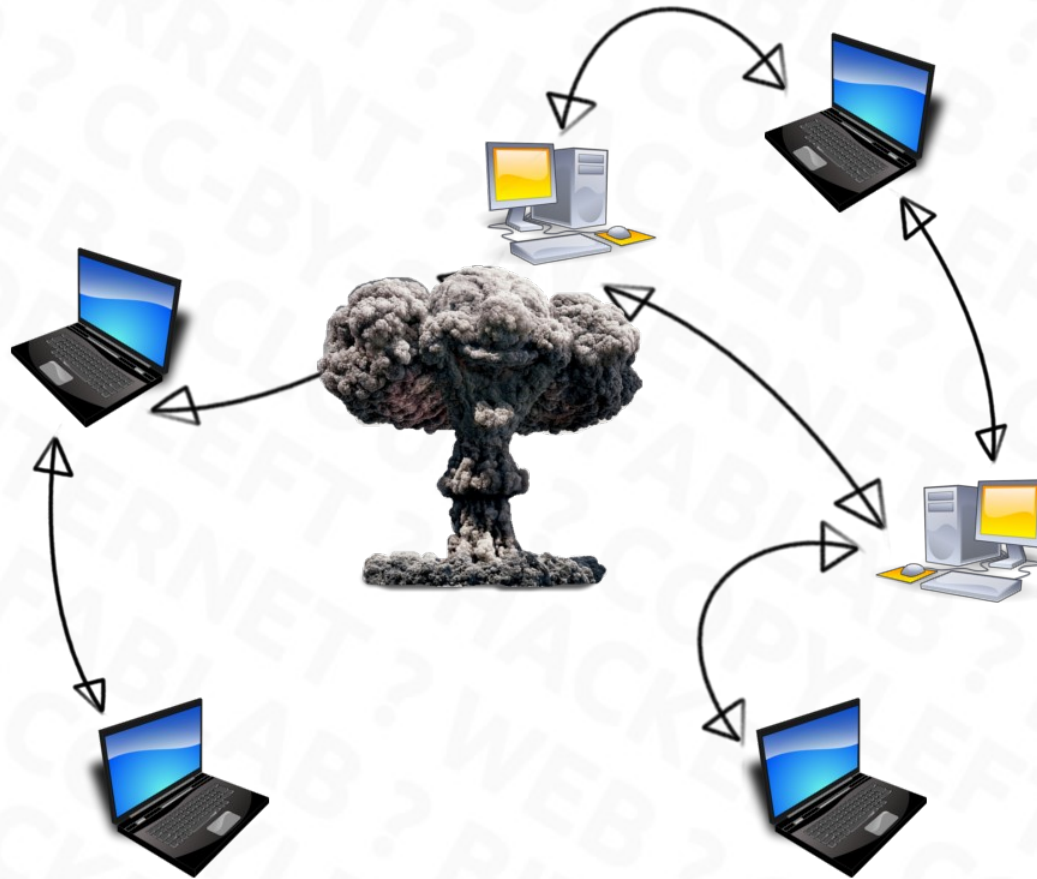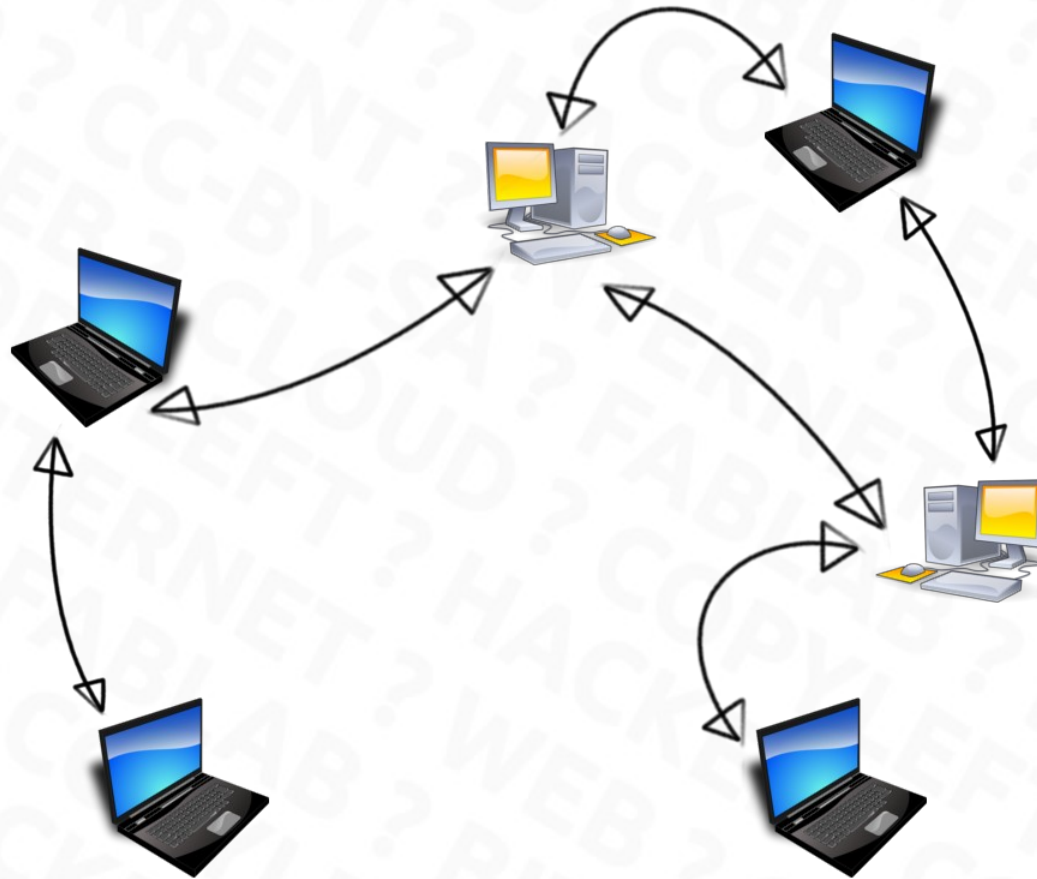# What is the ~~Internet~~ TELEPHONE ?

What is the Internet ?

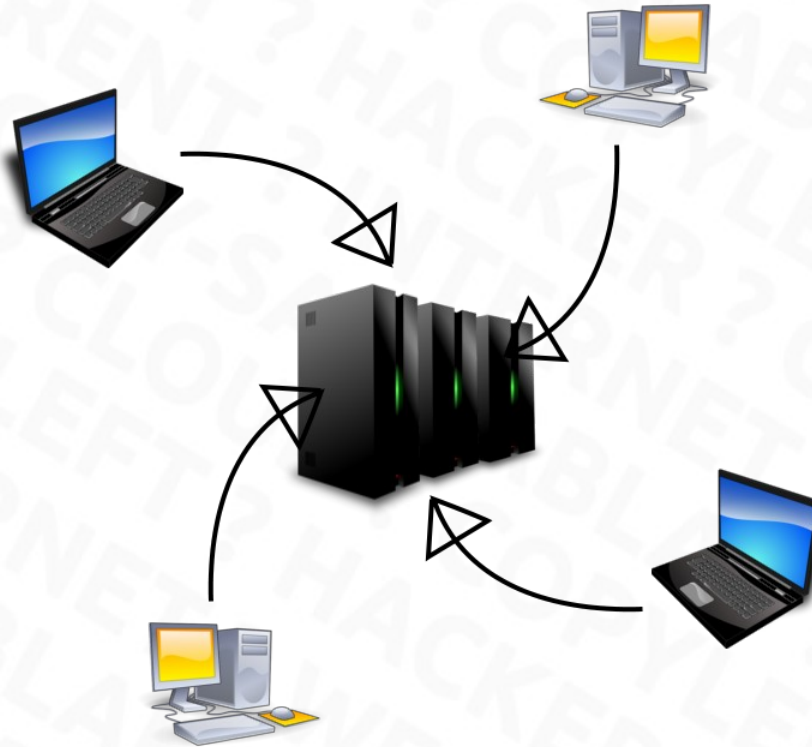# What is the Internet ?

What is the Internet ?

What is the Internet ?

What is the Internet ?

What is the Internet ?

What is the Internet ?
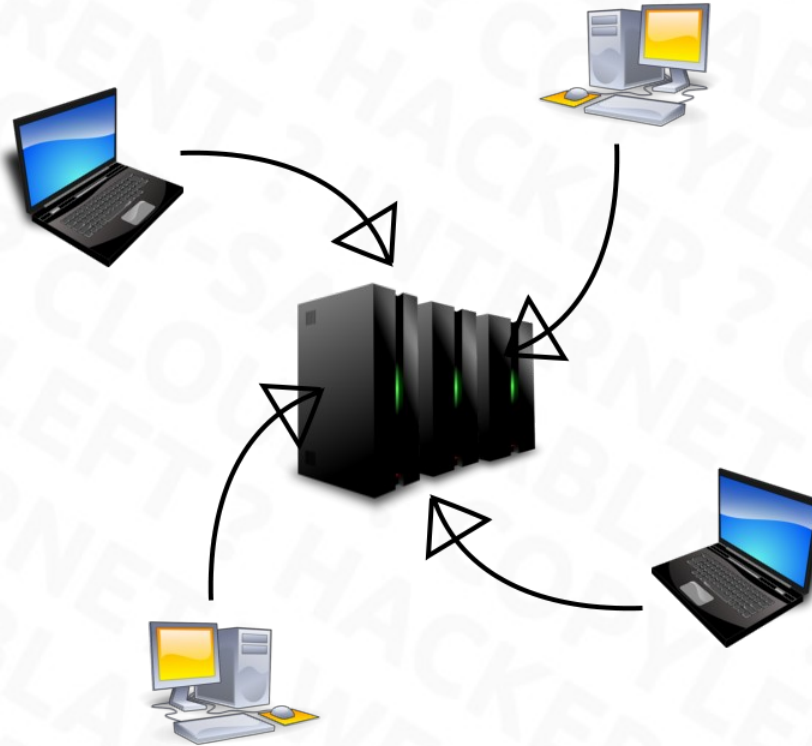
What is the ~~Internet~~ **TELEPHONE** ?

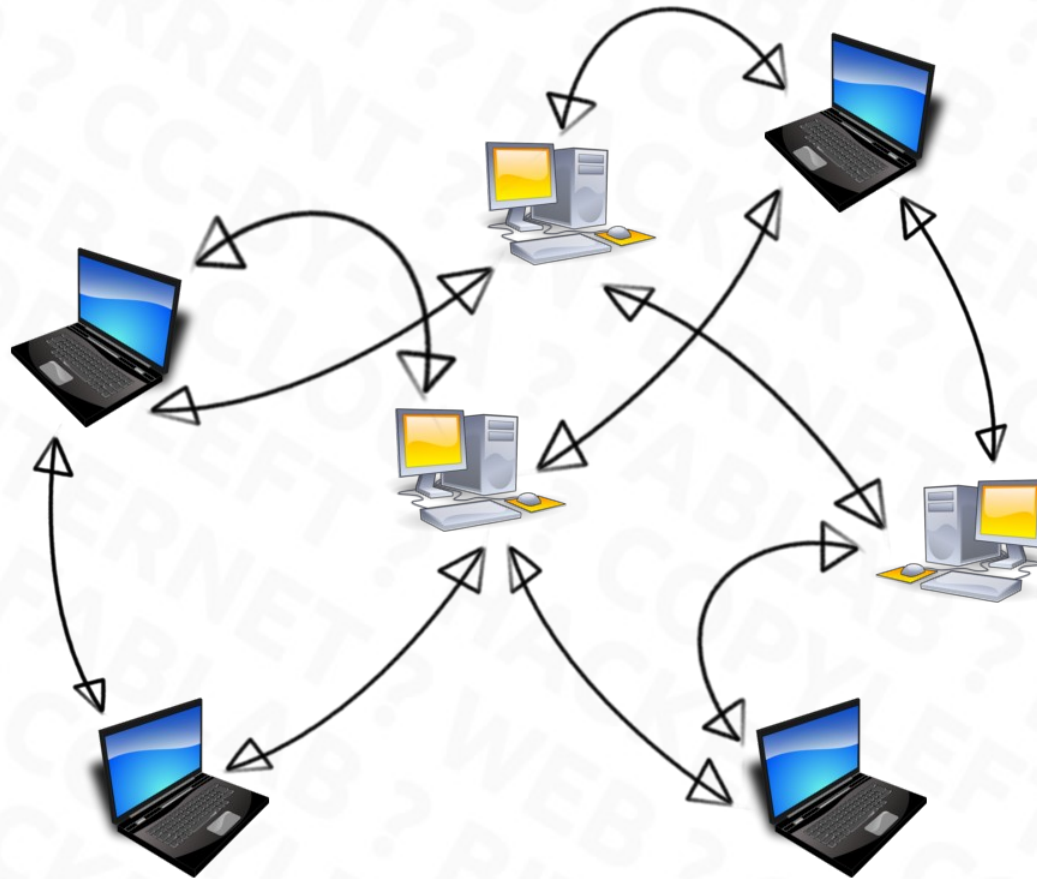# What is the ~~Internet~~ ?
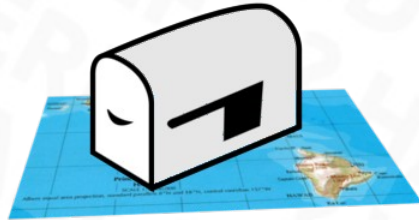## TELEPHONE

What is the ~~Internet~~ TELEPHONE ?

Add picture with Internet with four computers

What is the Internet ?

Why should we use the Internet ?

Why should we use the Internet ?

Why should we use the Internet ?

Why should we use the Internet ?
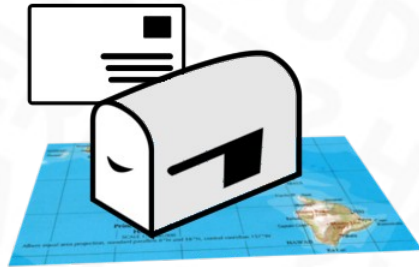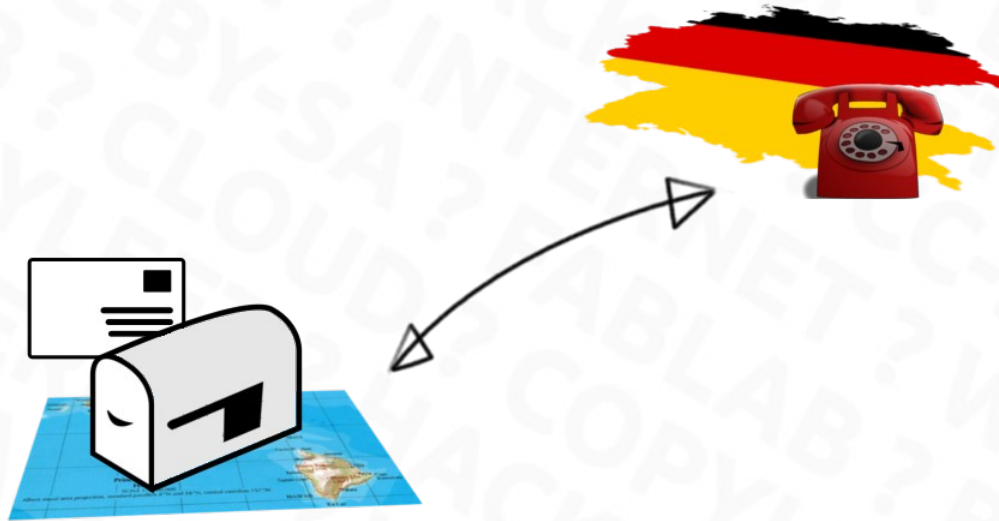
Why should we use the Internet ?

Why should we use the Internet ?

Why should we use the Internet ?

There is **no reason** that:

– the video of my kids should be stored on serves own by You Tube especially when they make money out of it.

– I have to ask you friend google, when I want to look into my mail box.

– I have to ask my friend facebook to write into my blog.

Why should we use the Internet ?

There are **a lot of reasons** to justify keeping your data home:

– They are yours.

– Best place to keep them safe.

– This is the only way to share them the way you want.

Why should we use the Internet ?

There are **a lot of reasons** to justify keeping your data home:

- They are yours.
- Best place to keep them safe.
- This is the only way to share them the way you want.

Using the Internet enable you to share your data.

The Internet is a great Tool:
Use it !!

How to use the Internet?

Some vocabulary

- Service
  - Server (program delivering a service)
  - Protocol (language)
  - Client (program asking a server to get some service)

HTTP, HTTPS, SSH, iRC ...

Some vocabulary

- **Services**
  - Web, mail, chat, secure access, data basis, …
- **Protocol**
  - Http, https, ftp, irc, xmpp, ssh, …
- **Server**
  - Web server, mail server, ftp server, torrent server, irc server, …
- **Client**
  - Firefox, Thunderbird, Filezilla, BitTorrent, …

Server/Client vs Servant

Toward more Internet
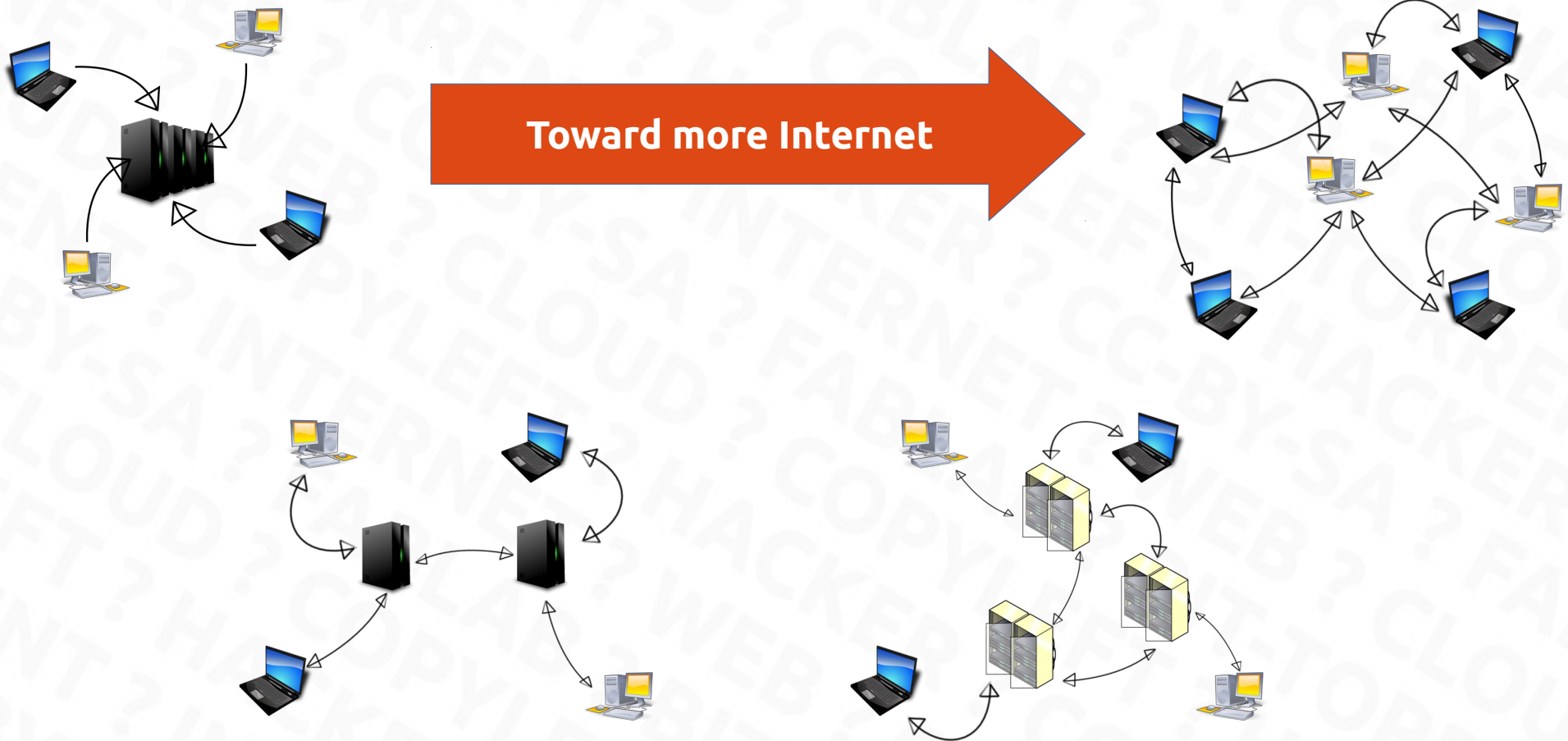
How to use the Internet?

1. Install servant

2. Open your box to the Internet

3. Enjoy!!

Is that really as simple ?

Yes and No :)

Problems !!

- **The box** …

  - The box that your Int. Prov. sells you, is blocked by default.

  - Your connection is asymmetric

  - Your IP address changes every day

  - DNS is not an option (centralized)

- **Difficult or expensive** to get a fix IP address with a symmetric connection.

Problems !!

- The box …
  - The box that your Int. Prov. sells you, is blocked by default.
  - Your connection is asymmetric
  - Your IP address changes every day
  - DNS is not an option (centralized)
- Difficult or expensive to get a fix IP address with a symmetric connection.
- **Internet Providers are killing the Internet.**

Why do they want to kill the Internet ?

Why do they want to kill the Internet ?

- **Giants of the web**: business is easier when centralized.

Why do they want to kill the Internet ?

- **Giants of the web**: business is easier when centralized.

- **Internet Provider**: It is easier to sell telephone, and people don't use the Internet anyway.

Why do they want to kill the Internet ?

- **Giants of the web**: business is easier when centralized.

- **Internet Provider**: It is easier to sell telephone, and people don't use the Internet anyway.

- **Government**: A centralized system is easier to control than a decentralized one.

Why do they want to kill the Internet ?

- My OPINION:
  - Historical: Int. Prov. are former telephone companies
  - Business: just few use it, keeping it is a loss
  - Control: a centralized system is easier to control

Why do they want to kill the Internet ?

- Internet is like printing
  - It can't be switched off
  - But it can take a while before it becomes what it was meant for !

How long would it take ?

What is the Internet ?

1. The Internet should be **decentralized**.
2. The Internet should be a **passive network**.

- Advantages
  - Less control on the flux: **no censorship**.
  - More control on your own data: **less spying**.
  - Much more possibilities !
- Disadvantages
  - … none ;)

Internet is an Idea !

- The Internet is not only a network, Internet is an idea !
  - Sharing
  - Losing control
  - Learning (DIY, LBD, Hacking)
  - Copying, modifying

INTERNET IS AN ADVENTURE!
Welcome on the door.

Two jokes

- Internet explorer : Web explorer

- You Tube : We tube for you