



# Anonymity on the Internet: a solution with TOR BROWSER

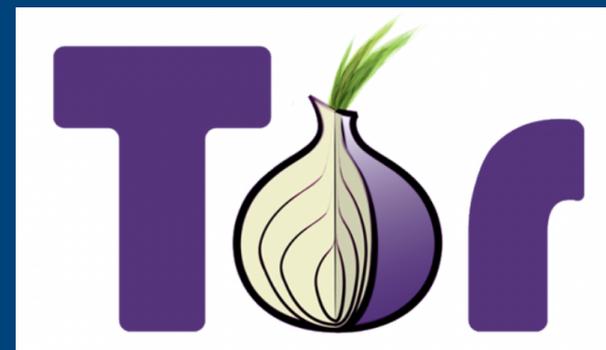
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# Anonymity on the Internet: why it matters?

When you surf the Internet, you leave a lot of traces: IP address or other information can identify you. Thus, by default, each access to services on the Internet is registered by different actors (Internet access provider, services to which one connects and even sometimes, intermediate actors). The access provider, normally having the civil identity of the person owning the connection, can deliver it to an authority accompanied by the various connection data (called metadata) at its disposal.





## ■ How to avoid that?

TOR = The Onion Router

TOR is a computer network that relies on numerous routers, devices and servers, which will **automatically redirect data** (e.g. communications over the Internet).



## ■ How does it work?

The multiplicity of routers used by TOR serve as protection layers (this is why the logo is an onion!). This makes it extremely difficult to trace the source of information.

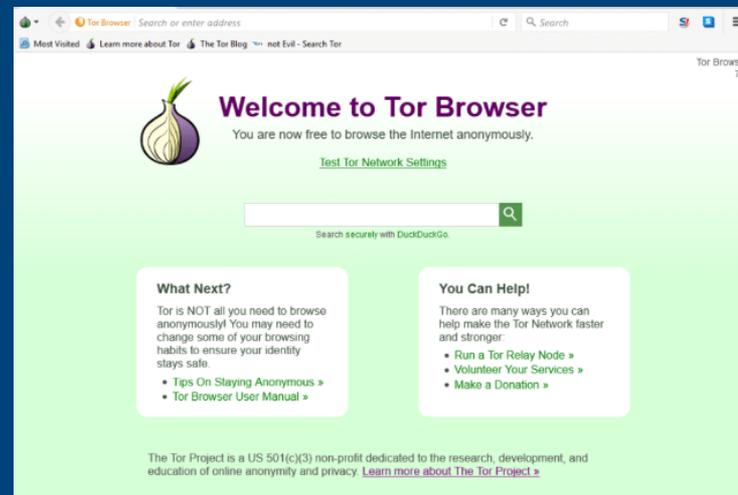
It has been developed by the TOR project which aims at “to improve human rights and fundamental freedoms by creating and deploying **free and open technologies** that protect **anonymity and privacy**, supporting their unconditional **use and availability**, and encouraging their scientific and popular **understanding**”.

Therefore, TOR is free. It is a militant instrument.

## ■ Why using TOR?

TOR can be useful in the following cases:

- for anyone wishing to preserve their privacy and intimacy (sensitive subject with seniors)
- for professionals in order to promote the confidentiality of exchanges
- for alerters (like Assange or Snowden) and journalists to protect themselves and inform themselves without danger or risk of censorship
- to avoid being identified in countries where freedom of information is not guaranteed
- etc.



# How to use TOR?

TOR is not complicated to use. It is not a tool that has been designed for specialists.

Using TOR is as simple as using a browser.

You need to download the TOR browser (it is available for any exploitation system) and to install it on your computer.

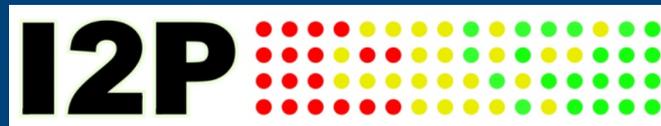
<https://www.torproject.org/index.html.en>



# Other networks guaranteeing anonymity

- I2P « Invisible Internet Project »

<https://geti2p.net/en/>



- Freenet

<https://freenetproject.org/fr/index.html>



The Freenet Project  
<http://freenetproject.org/>



Erasmus+



# THANKS!

Any questions?

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