

# Community

Tor is used every day by nearly one million people. The service is free for anyone thanks to the effort of volunteers and other donations.

## Operational cost of a relay

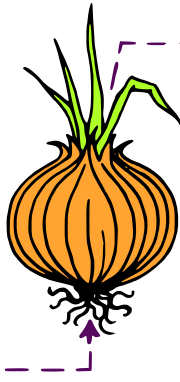
A "big" relay costs around 300€ per month — for a capacity equivalent to a hundred ADSL based relays.

## "Nos oignons" needs help!

Help us setting up big Tor exit nodes: make a donation, offer hosting solutions, join the non-profit, gather with other volunteers...

[nos-oignons.net](http://nos-oignons.net)

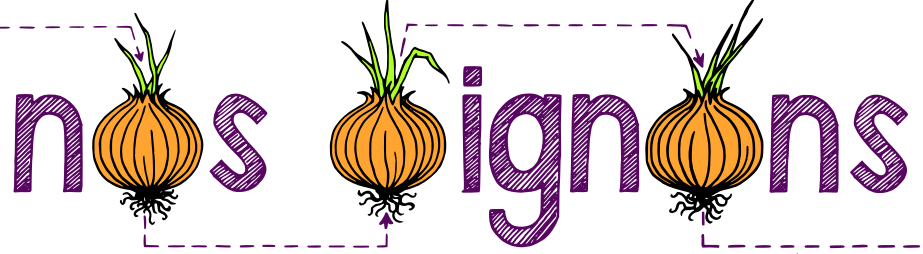
IRC : #nos-oignons / irc.oftc.net



Nos oignons is an independent initiative from The Tor Project. Tor and the Onion Logo are registered trademarks by The Tor Project, Inc. IPNS: À transformer en avion avant de lancer sur la voie publique.



Want to help freedom of communication, and freedom of speech? Wish you could help Tor and its network of relays? It's possible!



## Tor exit nodes funded by the community

Exit nodes are the most exposed relays as they will reach out for the final destination of a connection.

## Exit nodes

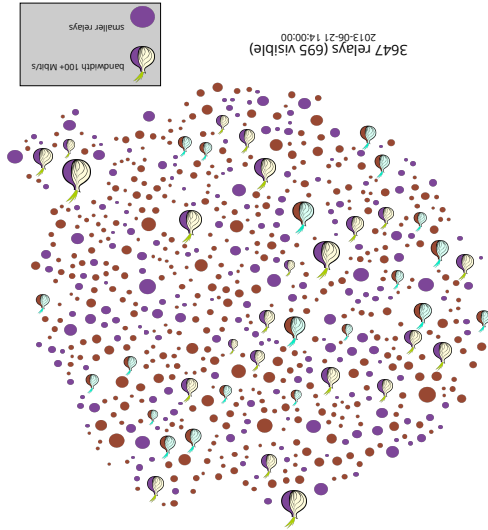
In order to enhance everyone's anonymity, we need to set up more relays, operated by different people, in different countries, connected to the Internet by different networks.

Currently a mere 40 relays are responsible for 80% of Tor's total traffic.



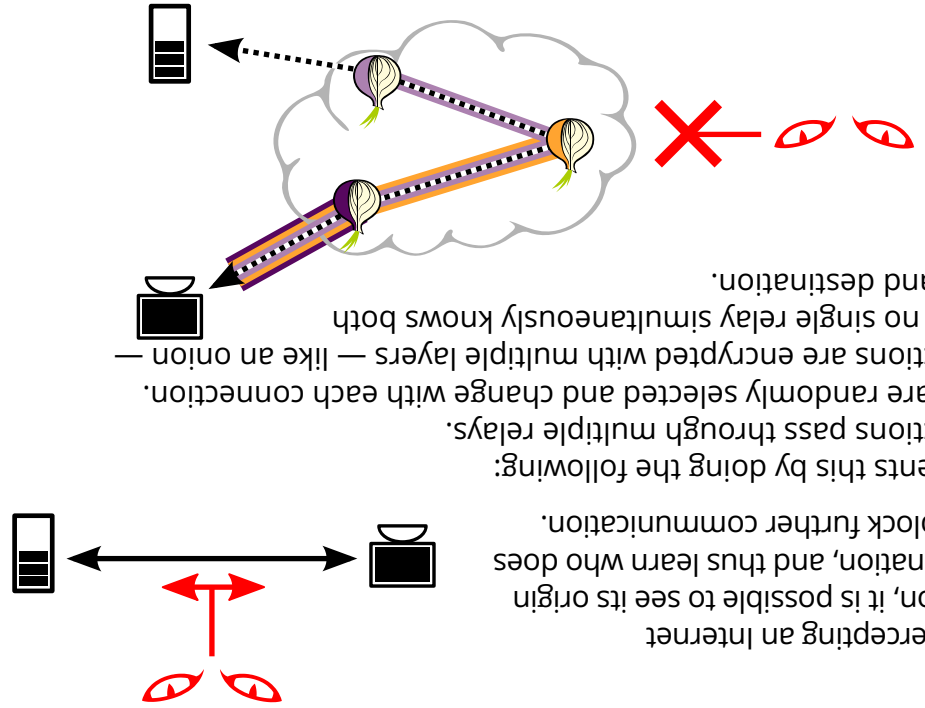
An attacker needs to control a majority of relays to monitor or block connections going through Tor.

## Network diversity



3647 relays (695 visible) 2013-06-21 14:00:00

bandwidth 100+ mb/s smaller relays



## Tor

When intercepting an Internet connection, it is possible to see its origin and destination, and thus learn who does what or block further communication. Tor prevents this by doing the following:

- Connections pass through multiple relays.
- Relays are randomly selected and change with each connection.
- Connections are encrypted with multiple layers — like an onion — so that no single relay simultaneously knows both origin and destination.