

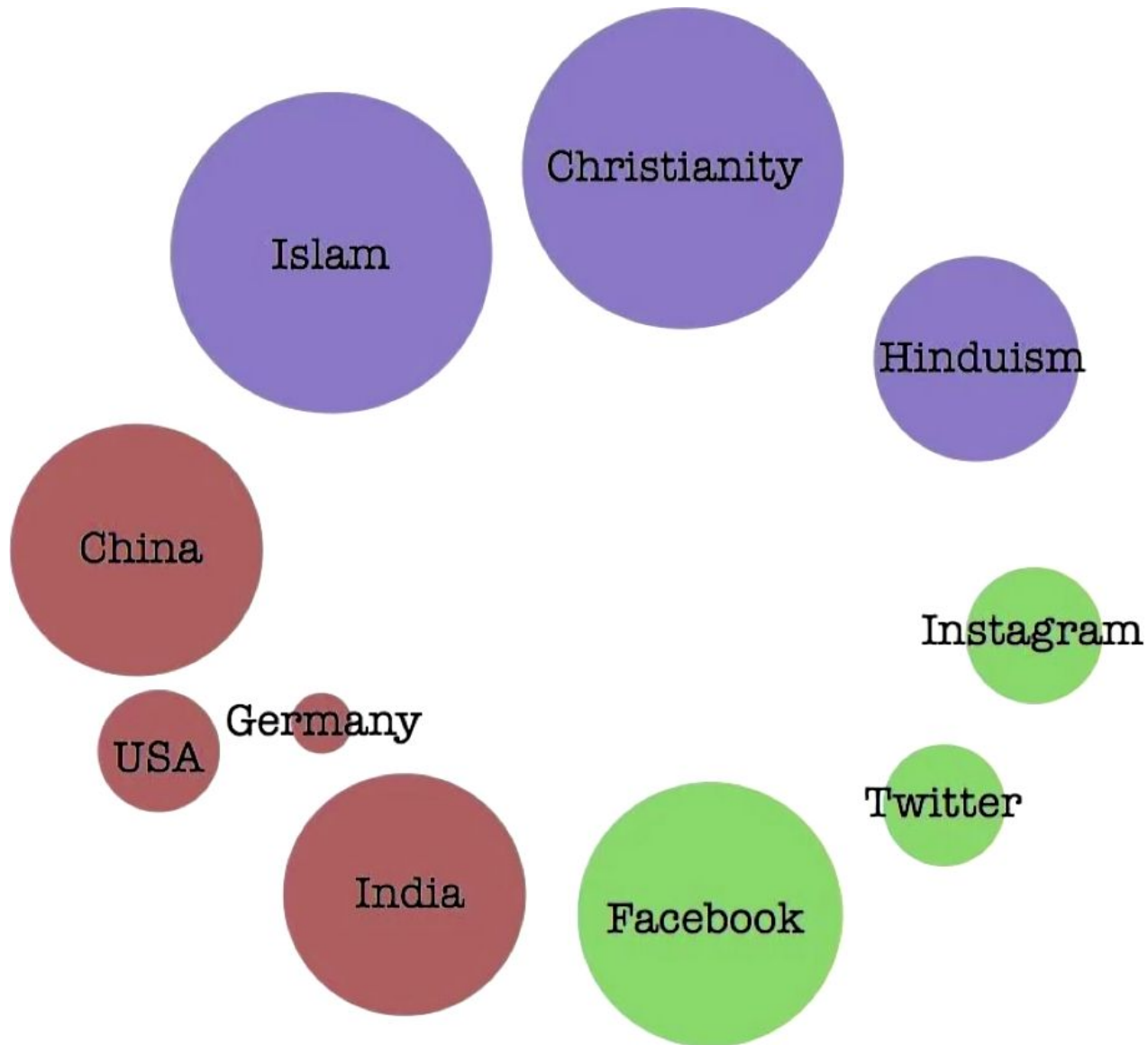
The background features a complex network of hexagonal cells, some blue and some green, interconnected by thin lines. Several cells are highlighted with a red glow. The text "TOR MEETUP #1" is centered in a bold, black, sans-serif font.

TOR MEETUP #1

Worldwide communities

- religions
- nations / countries
- social networks

Worldwide communities



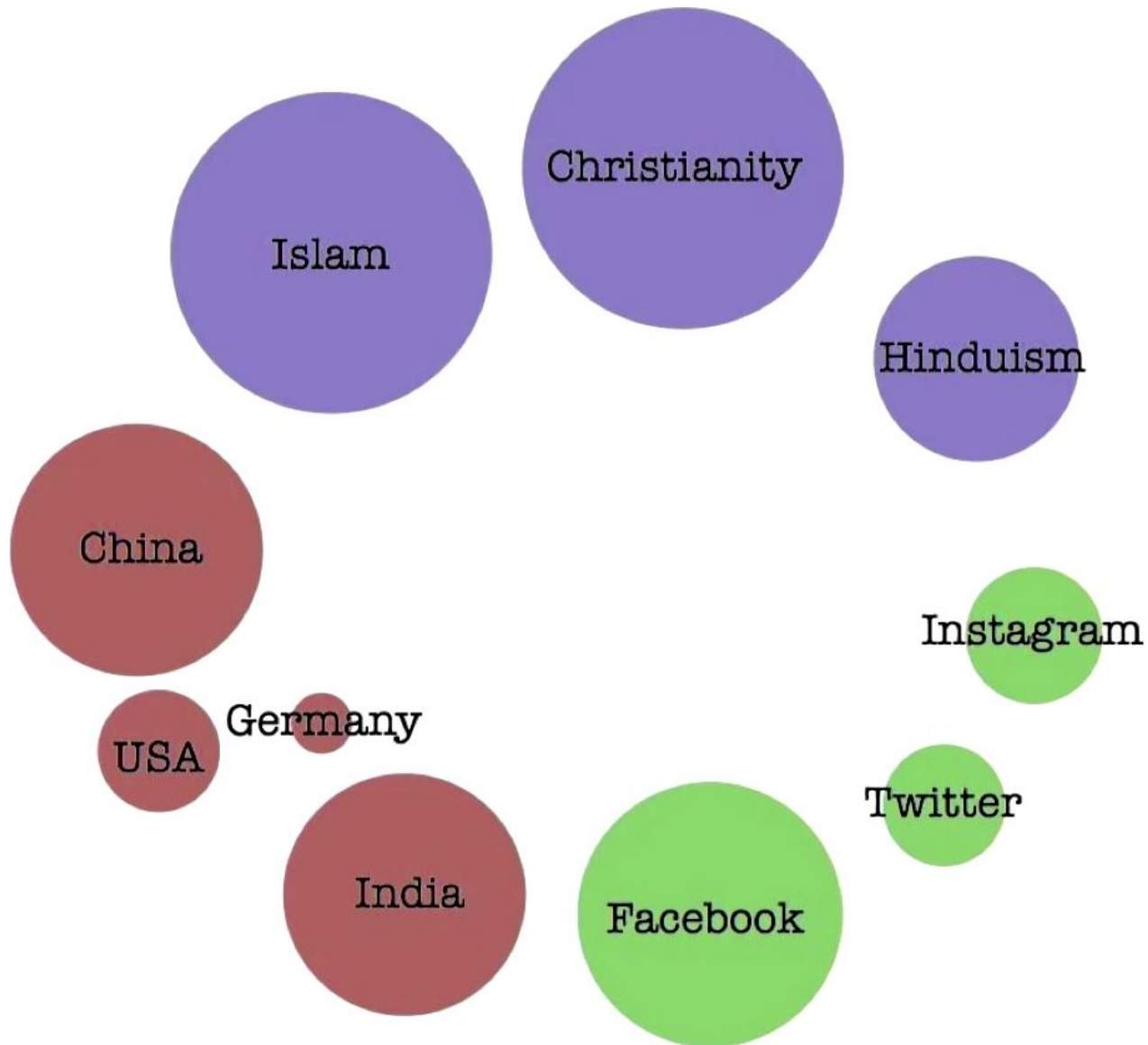
Worldwide communities + their "rules"

- religions
 - Bible
 - Quran
 - Vedas
- nations / countries
 - Universal Declaration of Human Rights
 - Constitution
- social networks
 - Terms of Service

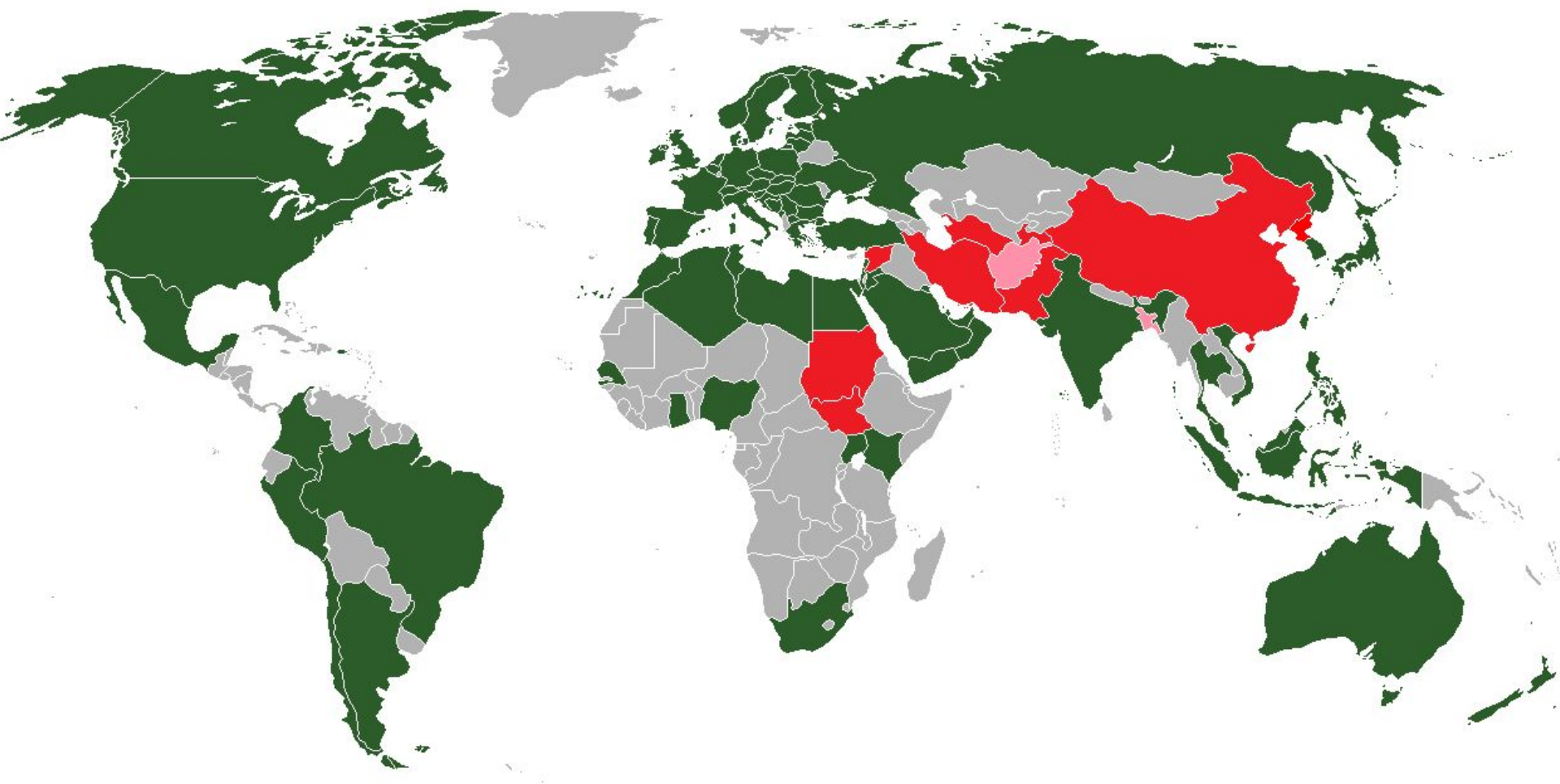
Worldwide communities + their “rules”

- Bible / Quran / Vedas / UDHR / Constitution
 - written by a lot of people
 - time-tested
 - reflect moral & ethical values
- Terms of Service
 - written by a few (chosen) people
 - relatively new
 - want to maximize company revenue/profit

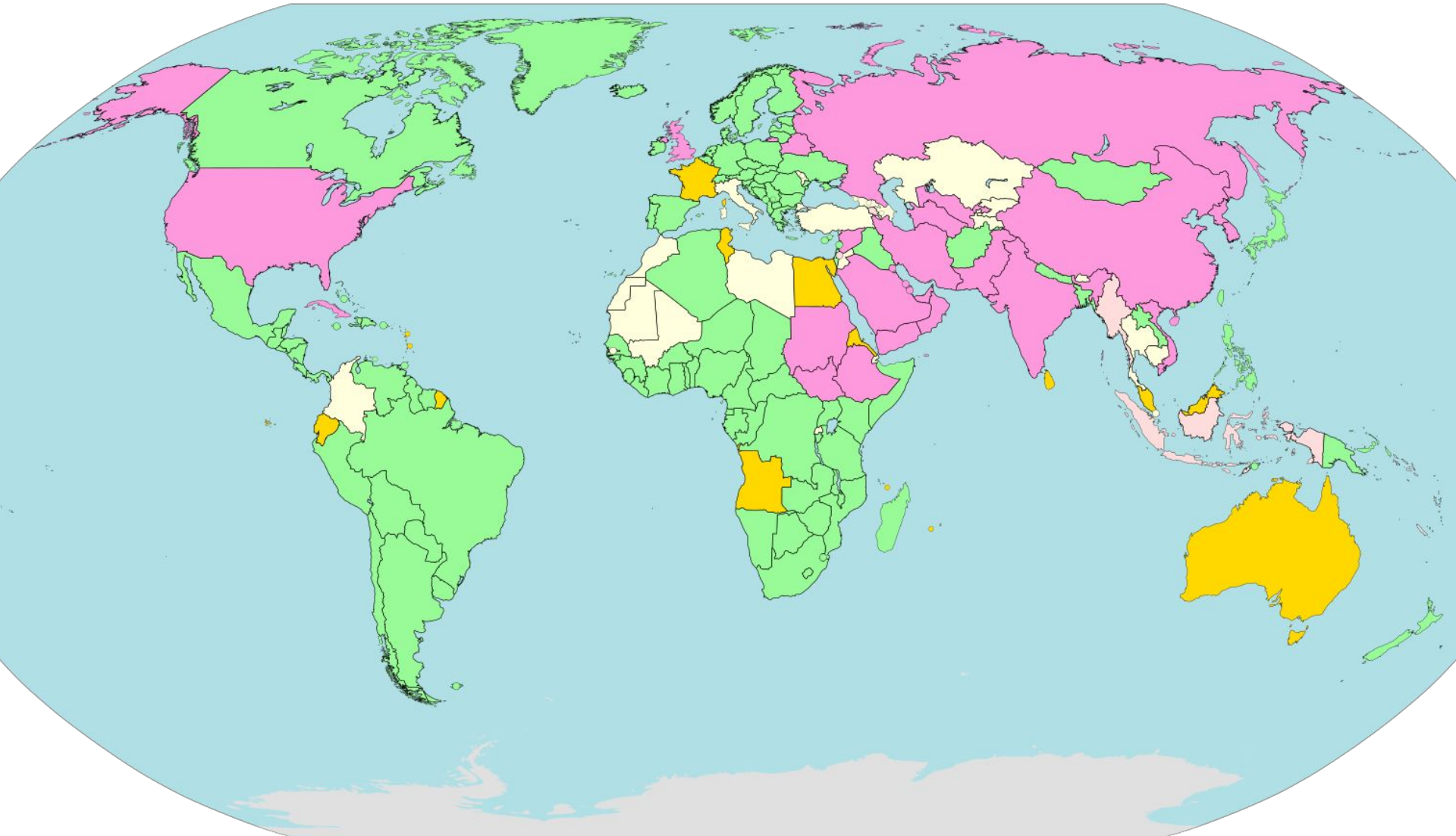
Worldwide communities



YouTube



Censorship



Tor

What is Tor?

- a network of volunteer-operated servers
- a software package that helps you
anonymously use the Internet
- a building block for software developers to
create new communication tools with built-
in privacy features

What is Tor?

- has been in development for many (13) years
- very stable and mature
- regarded as one of the best privacy tools currently in existence
- can circumvent some forms of censorship
- it does not cost you anything

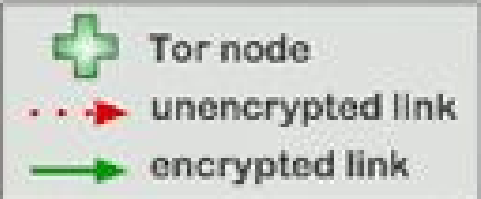
What is Tor?

- hides the source and destination of your Internet traffic
- prevents anyone from knowing both* who you are and what you are looking at

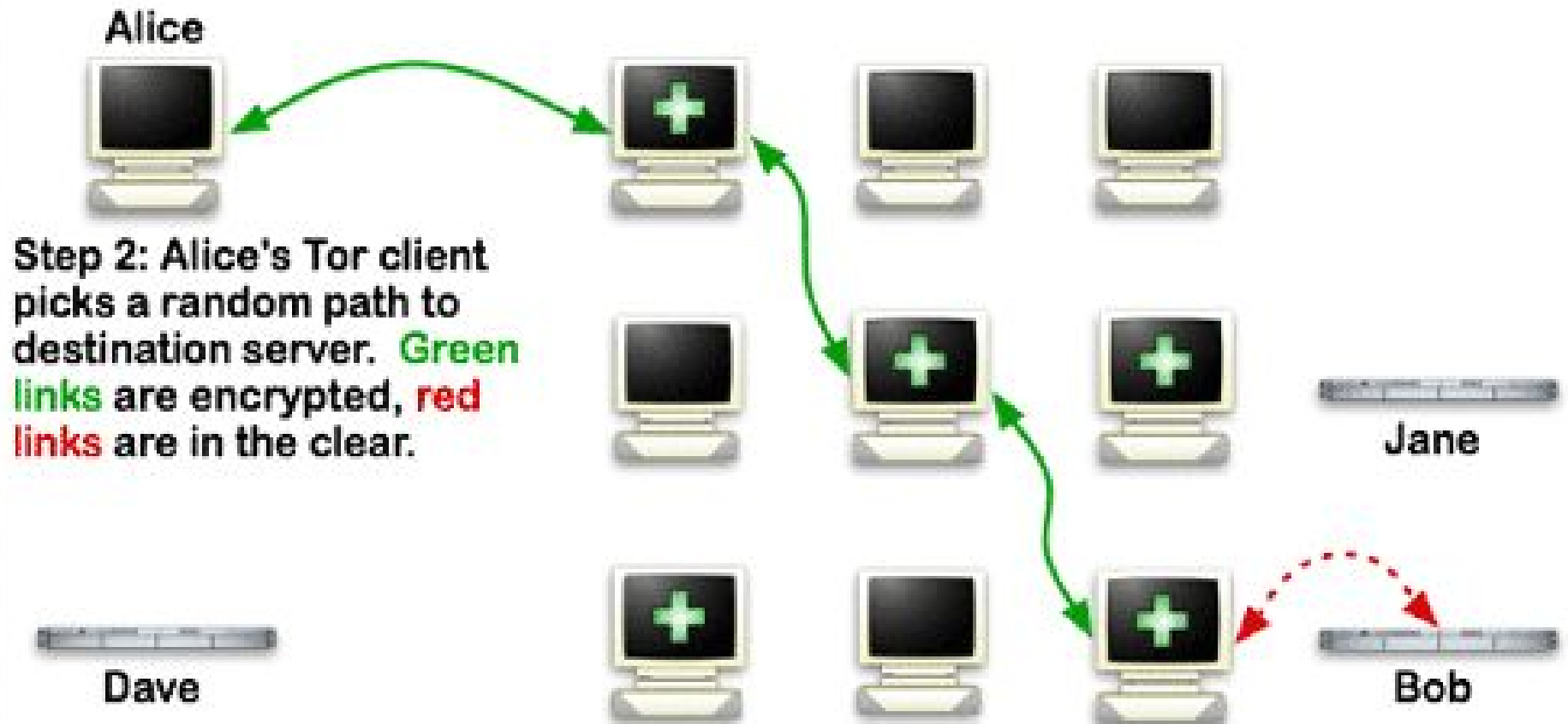
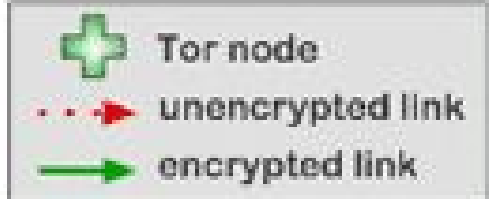
How does Tor work?

- encrypts data you send across the Internet in multiple layers (like an onion)
- it sends data through multiple relays
- each relay peels a layer off the onion
- until your packet leaves the final relay and gets to its destination

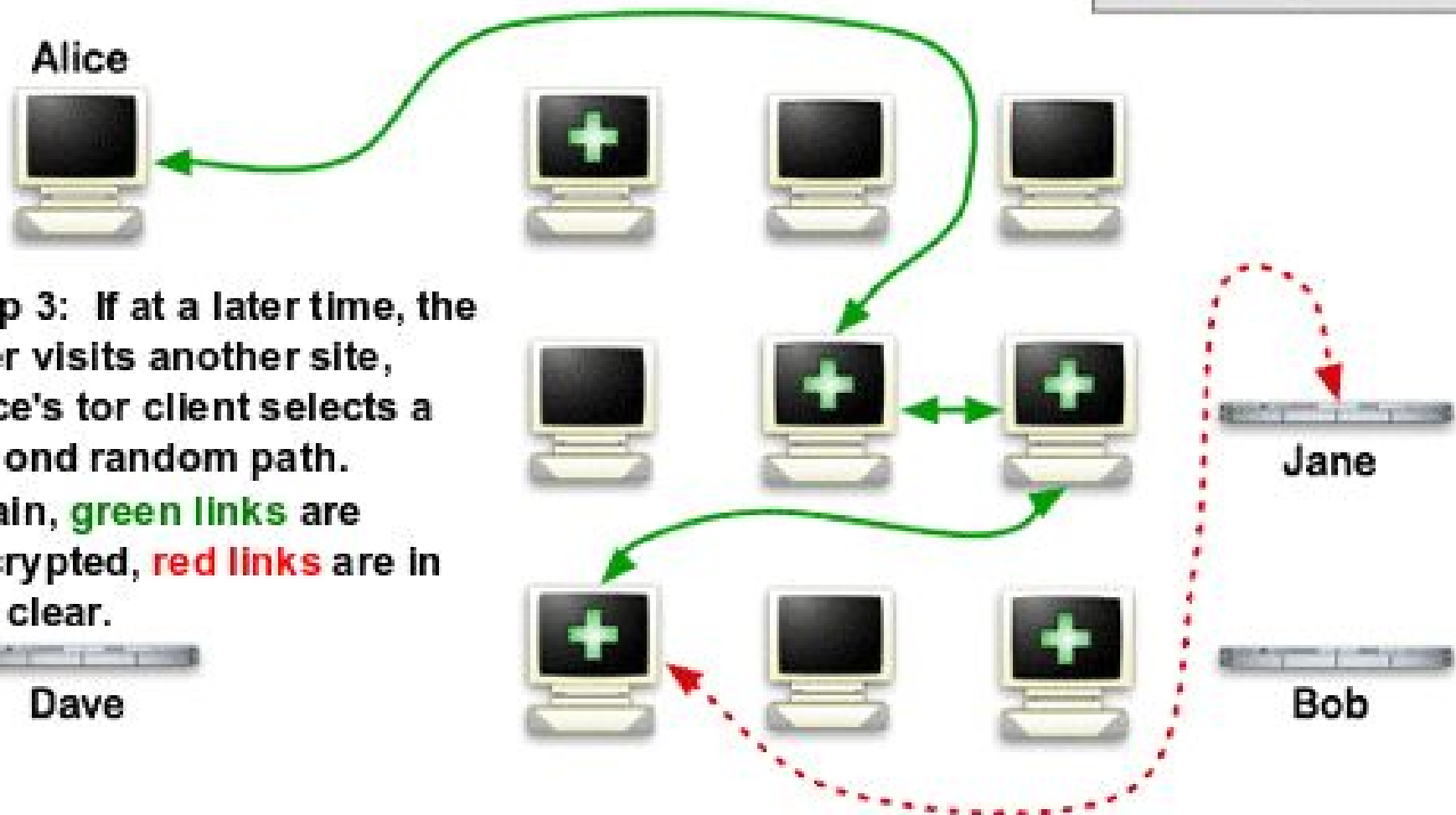
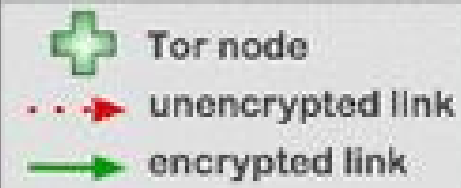
How Tor Works: 1



How Tor Works: 2



How Tor Works: 3



Step 3: If at a later time, the user visits another site, Alice's tor client selects a second random path. Again, **green links** are encrypted, **red links** are in the clear.

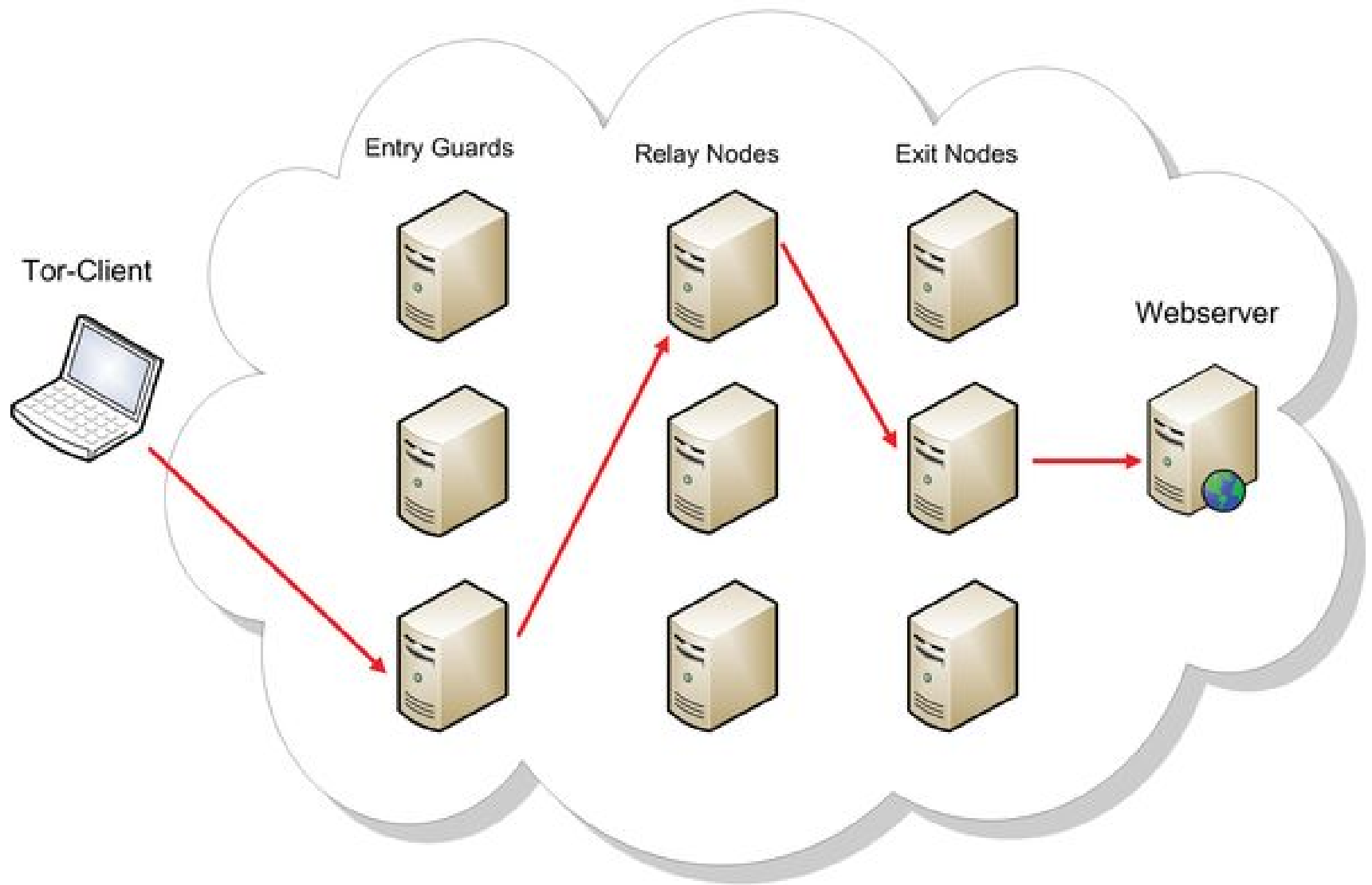
Dave

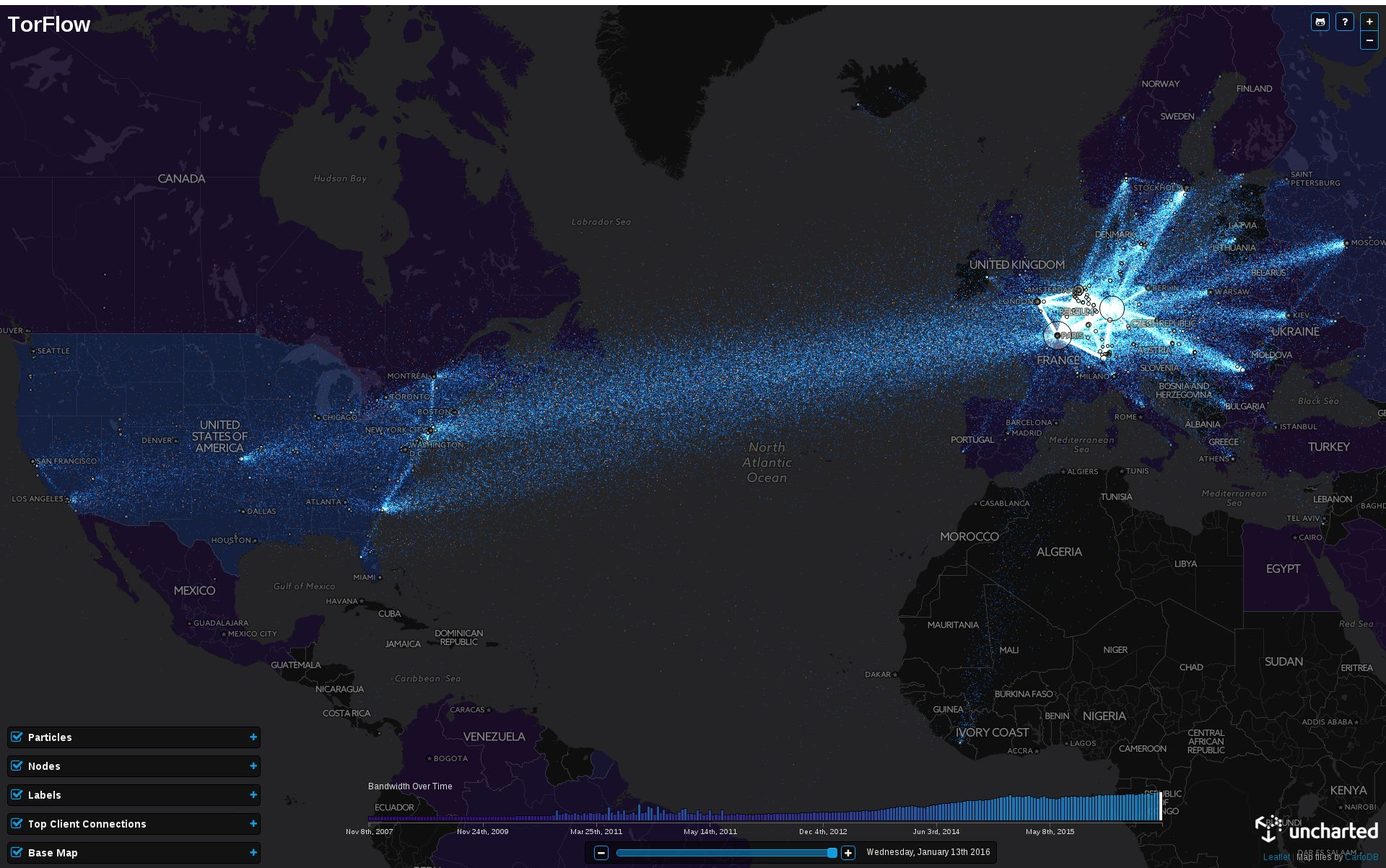


Jane



Bob





<https://torflow.uncharted.software/>

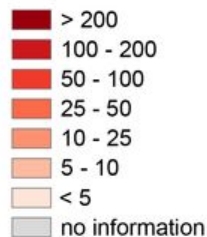
#dontblocktor



yelp.com
trulia.com
mercadolibre.com.ve
kohls.com
nordstrom.com
retailmenot.com
6pm.com
zappos.com
adcash.com
ticketmaster.com
airbnb.com
asos.com
craigslist.org
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yom7.com
almasryalyoum.com
clixsense.com
what-character-are-you.com
subscene.com
conservativetribune.com
likes.com
leagueoflegends.com
crunchyroll.com
hespress.com
hdfcbank.com
hclips.com
bomb01.com
elmogaz.com
kinogo.co
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pinterest.com
hilton.com
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target.com
wayfair.com
match.com
jumia.com.ng
e-hentai.org
adme.ru
milanuncios.com
gamespot.com
naukri.com
jcpenney.com
lowes.com
sears.com
olx.com.br
pantip.com

The anonymous Internet

Daily Tor users
per 100,000
Internet users

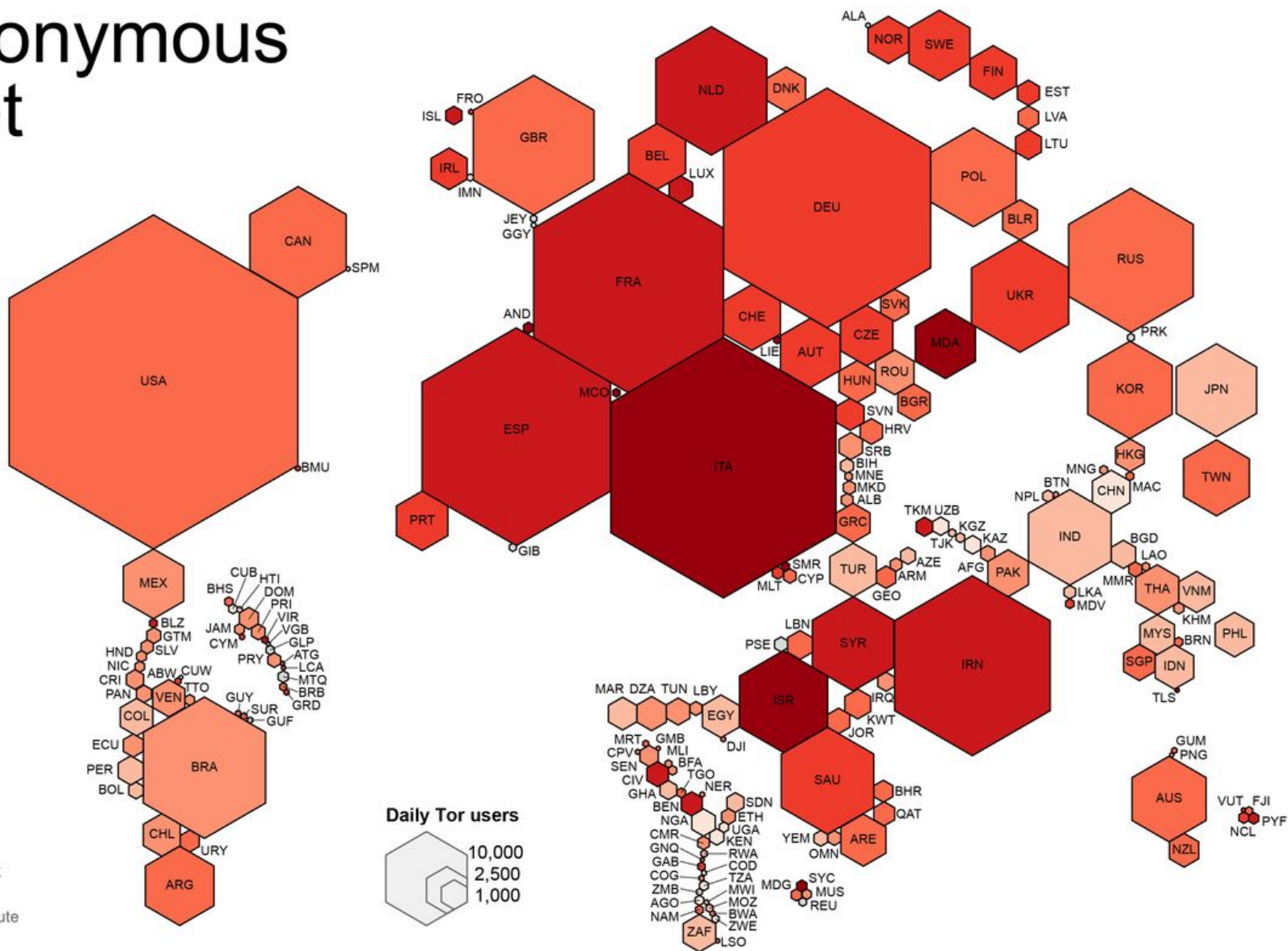


Average number of
Tor users per day
calculated between
August 2012 and
July 2013

data sources:
Tor Metrics Portal
metrics.torproject.org
World Bank
data.worldbank.org

by Mark Graham
(@geoplace) and
Stefano De Sabbata
(@maps4thought)
Internet Geographies at
the Oxford Internet Institute
2014 • geography.oii.ox.ac.uk

 Oxford Internet Institute
 University of Oxford



TAILS: The Amnesic Incognito Live System

- a security-focused Debian-based Linux distro
- aimed at preserving privacy and anonymity
- all outgoing connections forced to go through Tor
- non-anonymous connections are blocked
- designed to be booted as a live DVD or live USB
- will leave no digital footprint
- <https://tails.boum.org/>

Meetup Topics

Tor

- technical talk
 - Roger Dingledine
- non-technical talk
 - Jacob Applebaum

Secure (Linux) distributions

- Tails
- Subgraph OS
- Whonix
- Qubes OS

Secure Communication

- PGP, OTR
- Threema, Signal
- Mute
- Ricochet
- CoyIM
- others
 - Telegram, WhatsApp, Messenger, iMessage

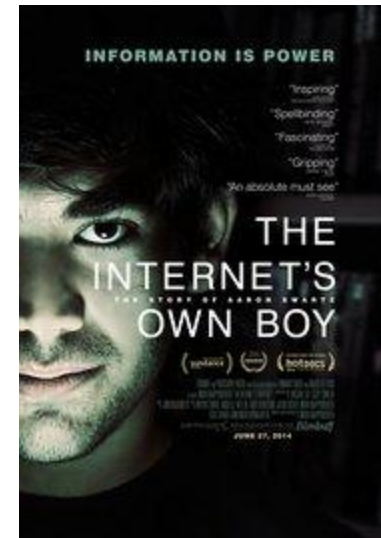
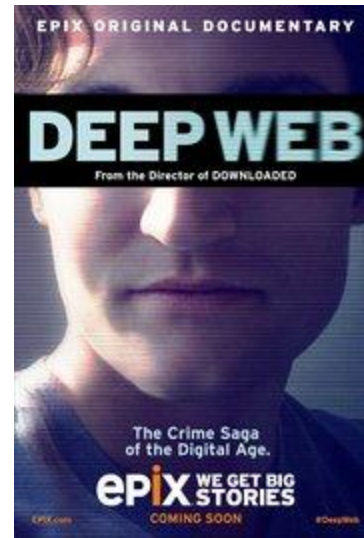
Others

- Censorship / Activism
 - Amir Taaki
- Deep web / Darknet
 - Juha Nurmi (ahmia.fi)
- SOPA / PIPA / TPP / CISPA
- Whistleblowing
 - Glenn Greenwald / Laura Poitras
- I2P
- Disk Encryption

Activities

- meetup organization
- + inviting interesting guests from abroad
- Tor relay and/or Tor exit nodes operation
- “censorship” VPN
- various workshops

Must see movies



Tor Meetup



1N3Mafk6nTxds5wnKUkQV7iHnsUjSN9UXz

<https://github.com/ParalelniPolis/tor-meetup>

stick@gk2.sk PGP/B9A02A3D