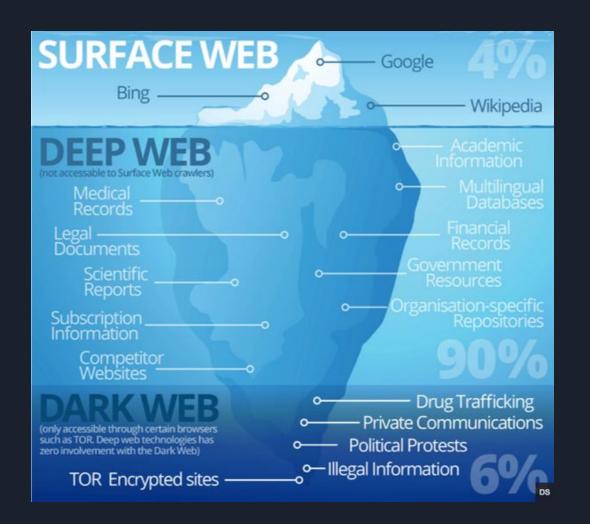
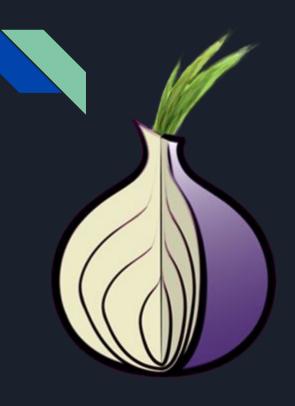
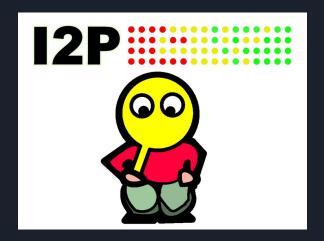
All about the Darknet







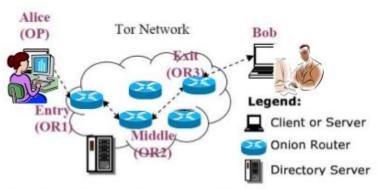


Darknet

- a collection of different custom protocols built on top of standard protocols
- purposefully hidden

TOR

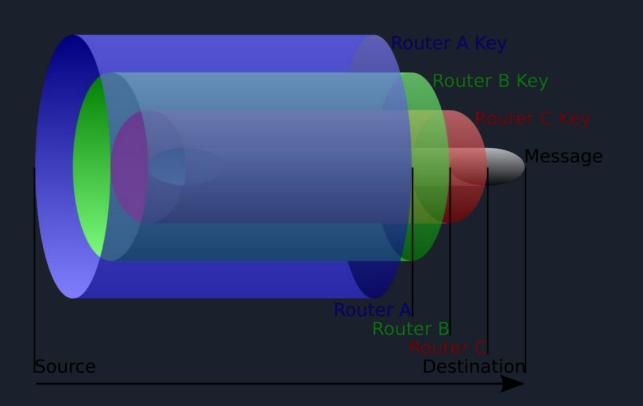
Components of TOR



- Client: the user of the TOR network
- Server: the target TCP applications such as web servers
- TOR (onion) router: the special proxy relays the application data
- Directory server: servers holding TOR router information

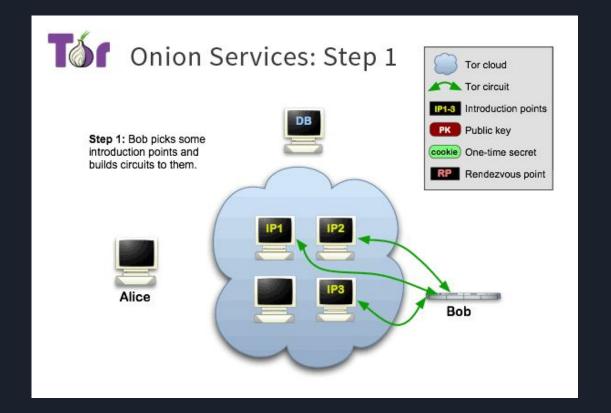
TOR

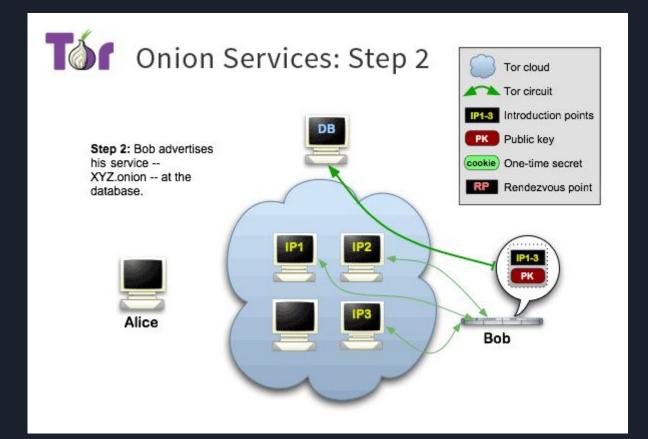
- You can route all traffic through TOR
- TLS over TCP
- Recommended to use the TOR browser for connecting to .onion sites

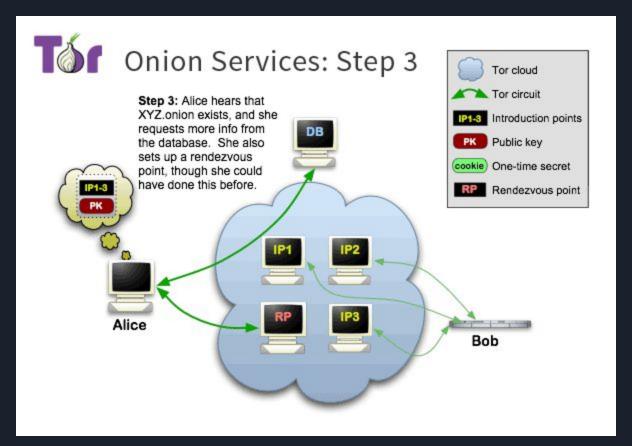


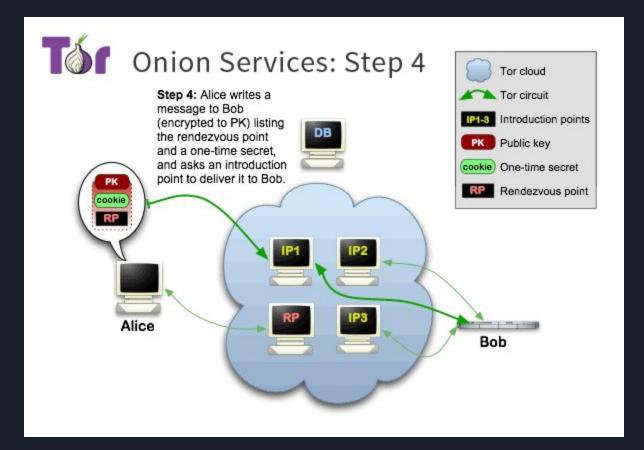
Hidden Services

- Allows host to provide a service w/o exposing their IP address
- Can only connect via TOR
- Clients can connect via a chosen rendezvous point









NOTE:

You can still easily get caught while using TOR if you're being a brainlet.

Exhibit A: Harvard Bomb Hoax

- TLDR: A Harvard student got caught sending a fake bomb threat to the school to get out of finals
- Mistake 1: Using TOR on school wifi
- Could have used a bridge or walked to the nearest McDonalds w/ wifi

Exhibit B: Lulzsec

 TLDR: Hacker group that got busted by the FBI because one galaxy brain connected to IRC via clearnet

Main TOR weaknesses

- can get pawned by exit node if the onion service doesn't encrypt their traffic
- pretty easy to tell if you're using TOR
- can be vulnerable to correlation attacks

Roleplaying Time









Step 1:

- Use Tails or Whonix
- Make sure you encrypt your Tails Live Boot

Step 2

- Acquire some crypto
- Monero is recommended, but sometimes vendors only accept Bitcoin
- Make sure you transfer your bitcoin to another account for plausible deniability(this wallet should be on your Tails Live Boot)

Step 3

- Always buy domestic
- Choose the fastest shipping option available
- Don't use a fake name, or deliver it to a PO box,
- Encrypt your address w/ the vendor's PGP key

http://4mtu5pl6yp3fmvny.goomba/?ai=1675