

#### UNIVERSIDAD DE GRANADA

#### INTERNET PROFUNDA – RED TOR

Fundamentos de Redes

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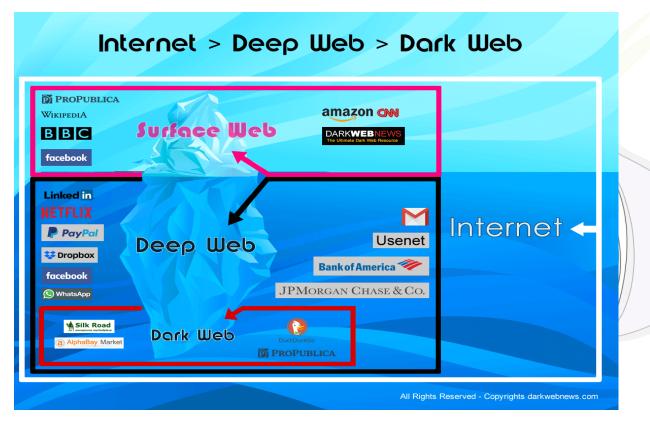
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### Niveles de Internet

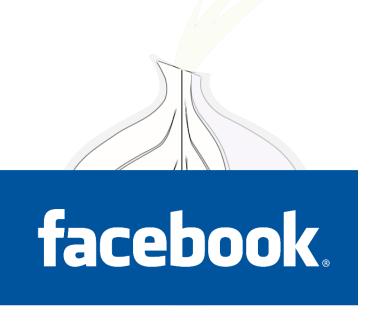


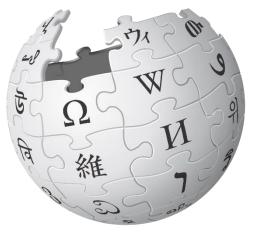




## Internet Superficial

Google











# Deep Web



**Bank of America** 

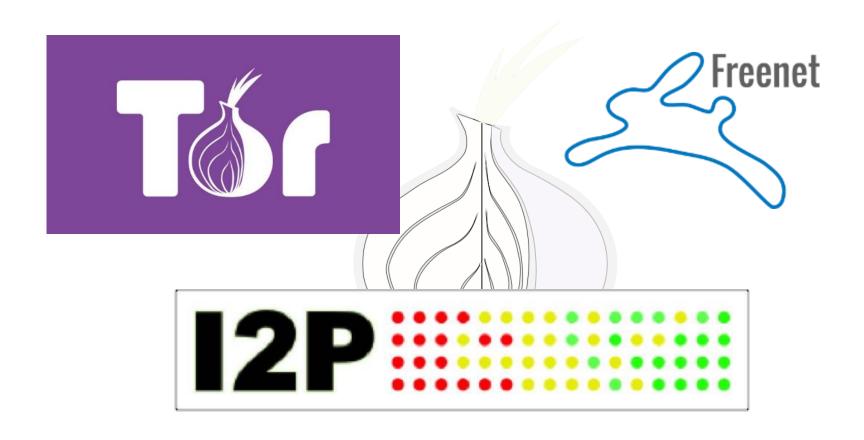




NETFLIX

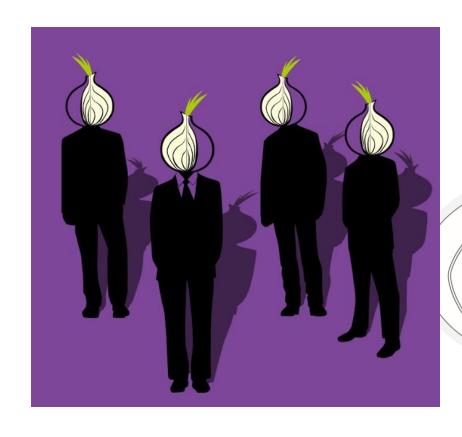


# Dark Web





## ¿Qué es Tor?



The Onion Router

Mantiene la privacidad del usuario

Busca el anonimato

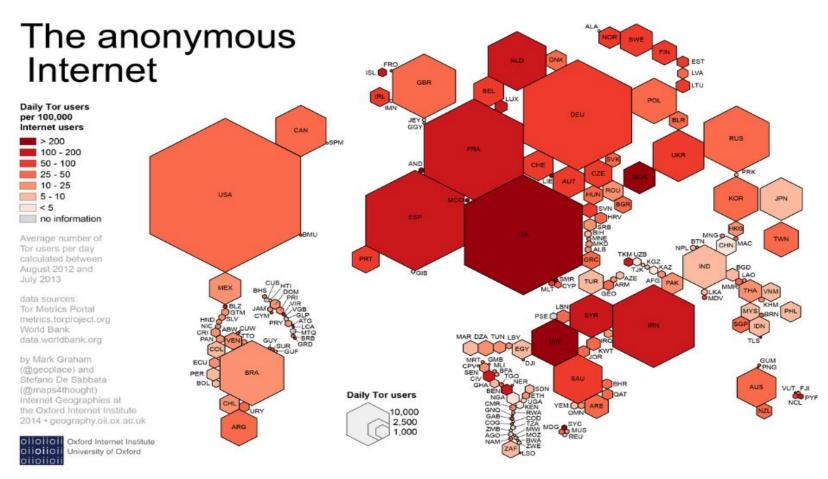
## Red Tor



#### Financiación:

- Personales
- Mozilla
- Google
- ...

## Red Tor



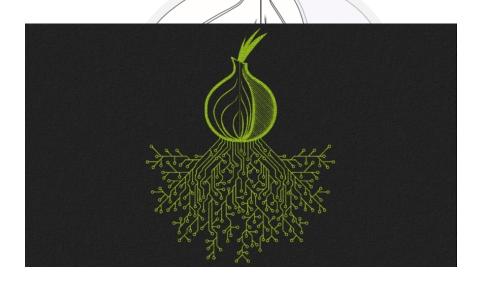


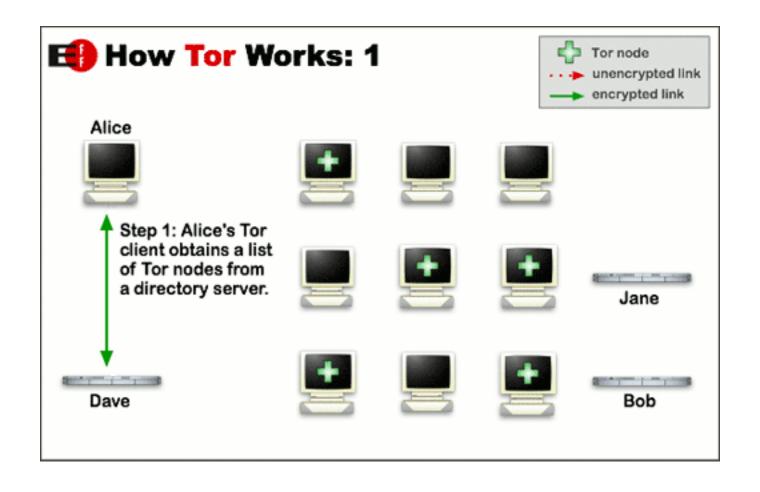
# Red Tor

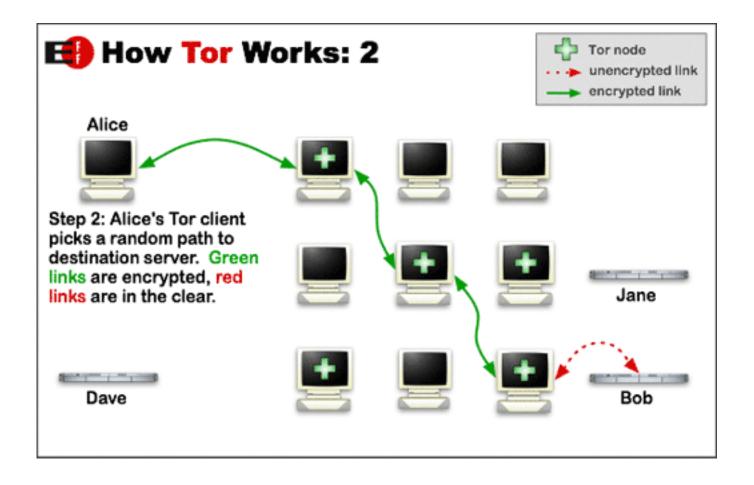


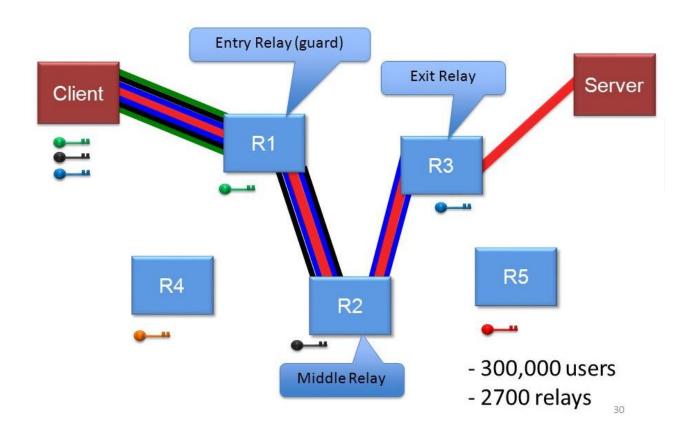
## ¿Cómo funciona Tor?

- · Se basa en un método por capas
- Encripta cada comunicación

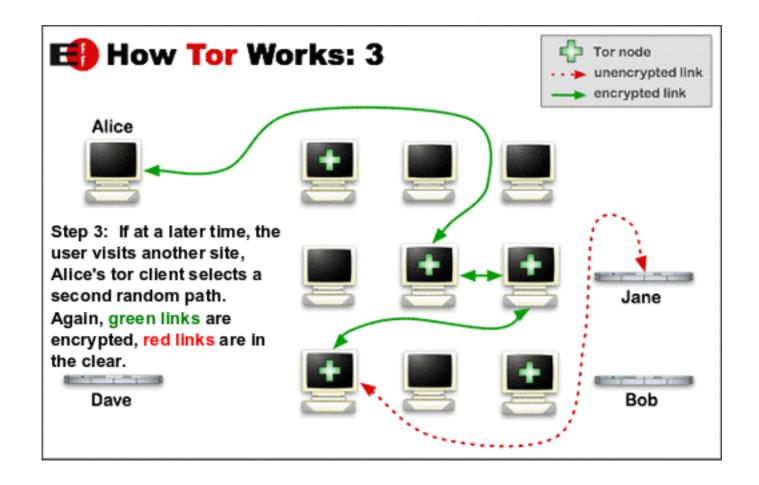




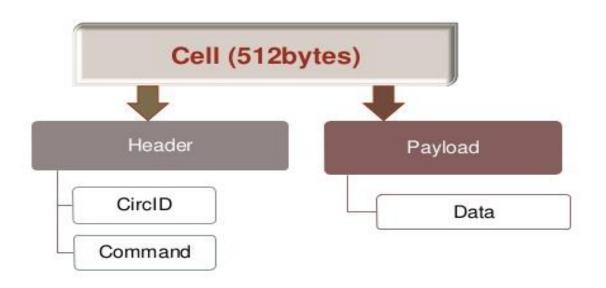


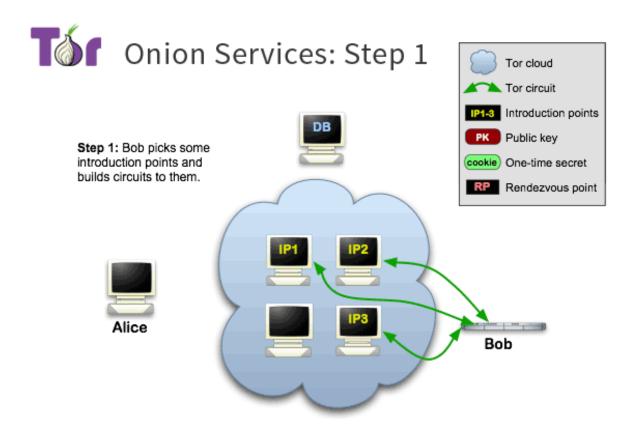


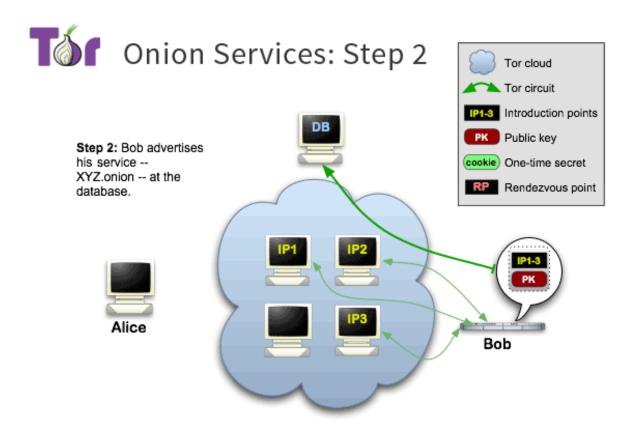


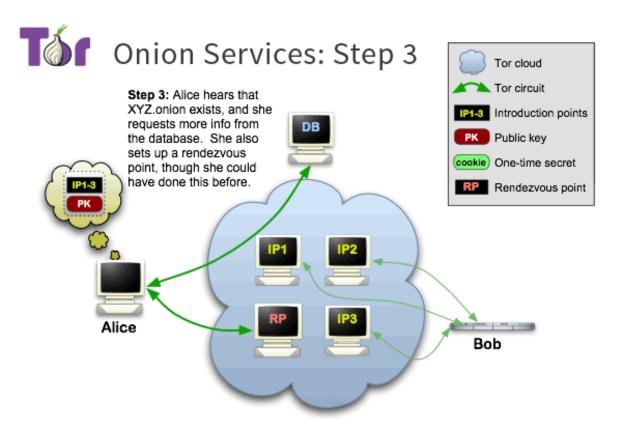


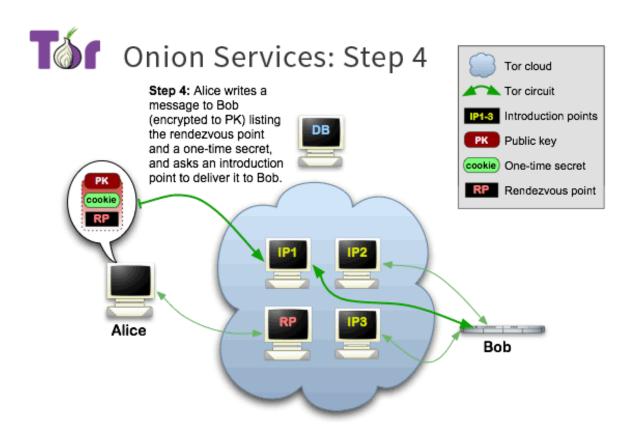
# Células

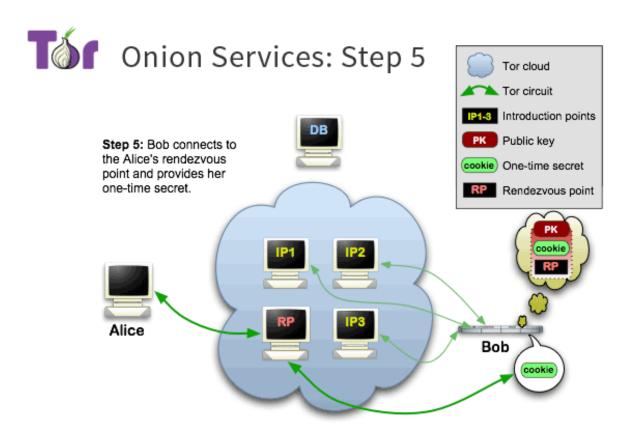


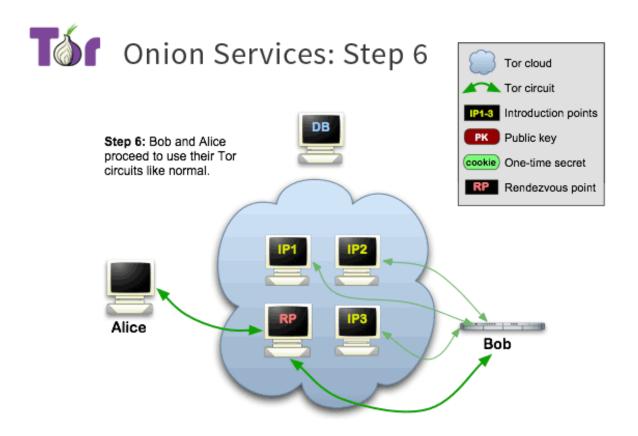












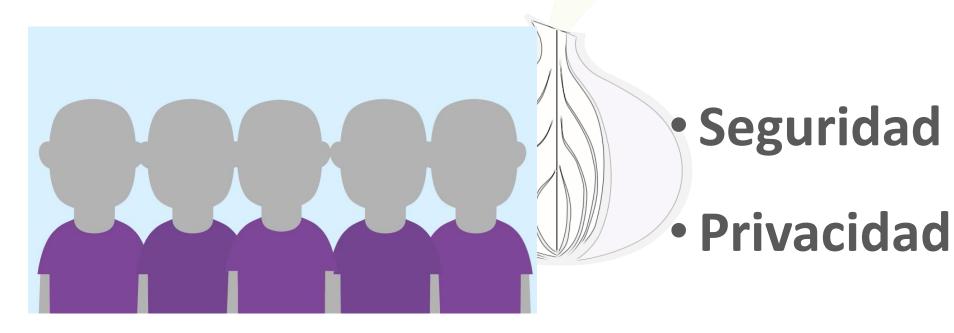
# Pero... ¿ son todo ventajas en Tor?





## Pero... ¿ son todo ventajas en Tor?

#### Ventajas



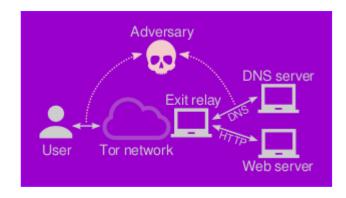
## Pero... ¿ es todo ventajas en Tor?

**Inconvenientes** 



No es 100% fiable

Negocios ilegales



### **Darknet Markets**





### Referencias

- https://www.torproject.org/
- https://gitweb.torproject.org/
- https://gitweb.torproject.org/torspec.git/tree/tor-spec.txt
- http://geography.oii.ox.ac.uk/the/anonymous-internet/
- https://github.com/torproject/torspec/blob/master/rend-spec-v3.txt



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#### DEMOSTRACION CON WIRESHARK

Internet Profunda – Red Tor

