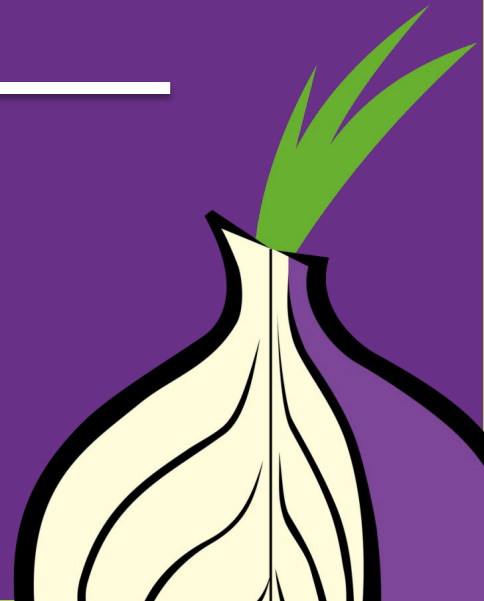


# You, Tor, and the fight for digital human rights

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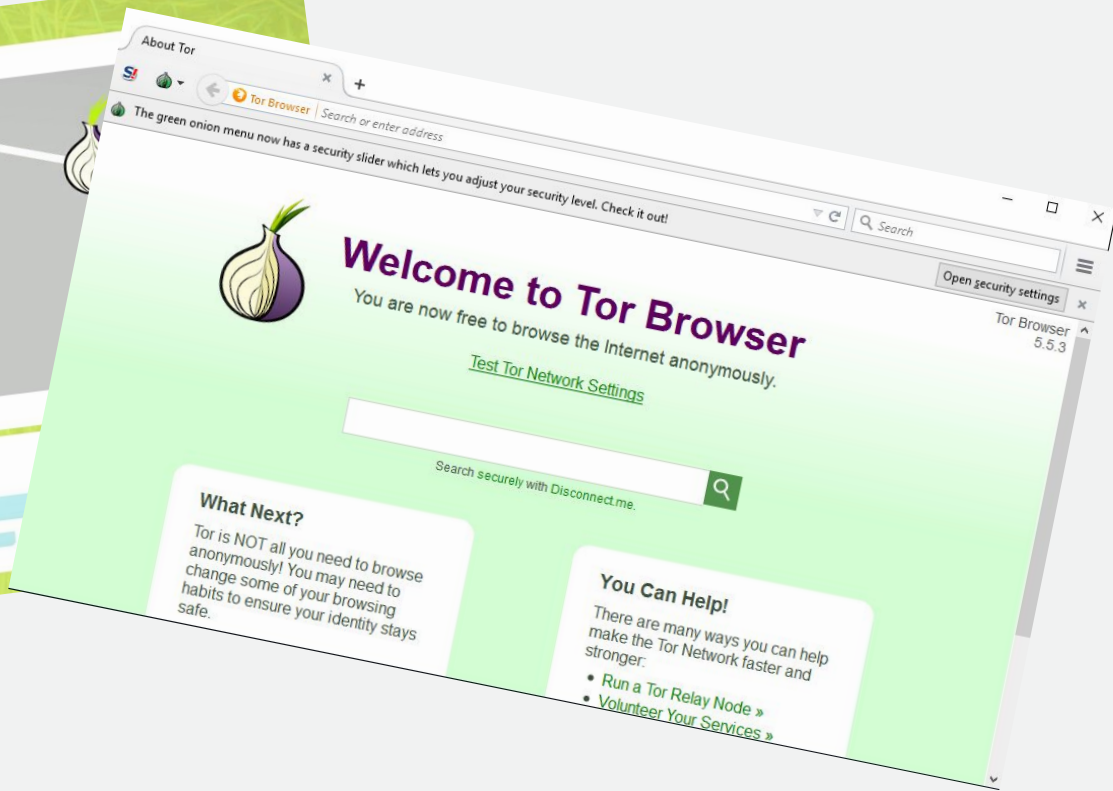
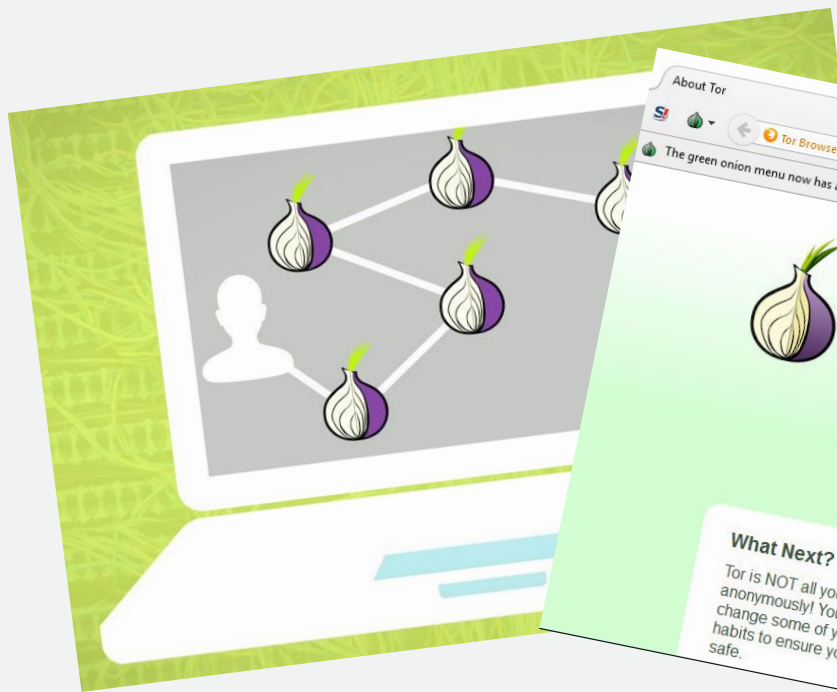
Linda Naeun Lee, [linda@torproject.org](mailto:linda@torproject.org)

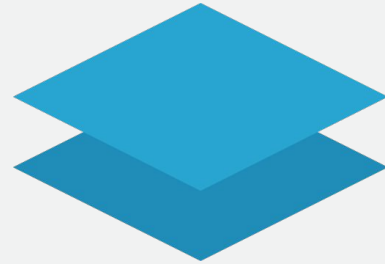
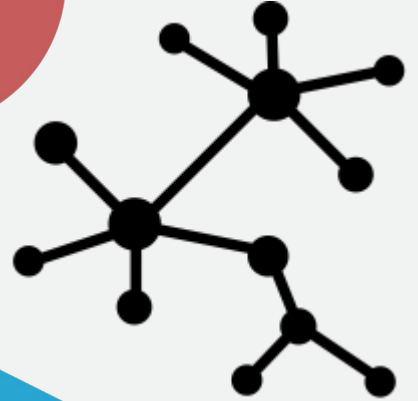
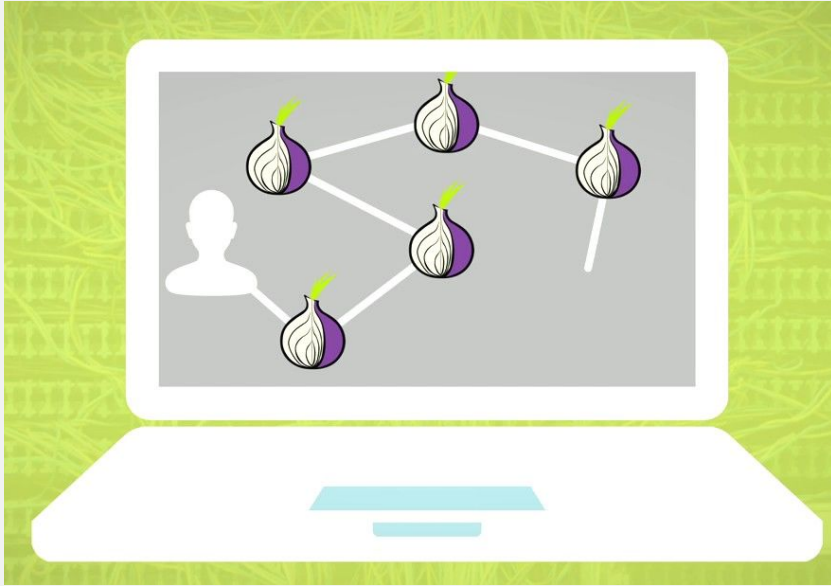


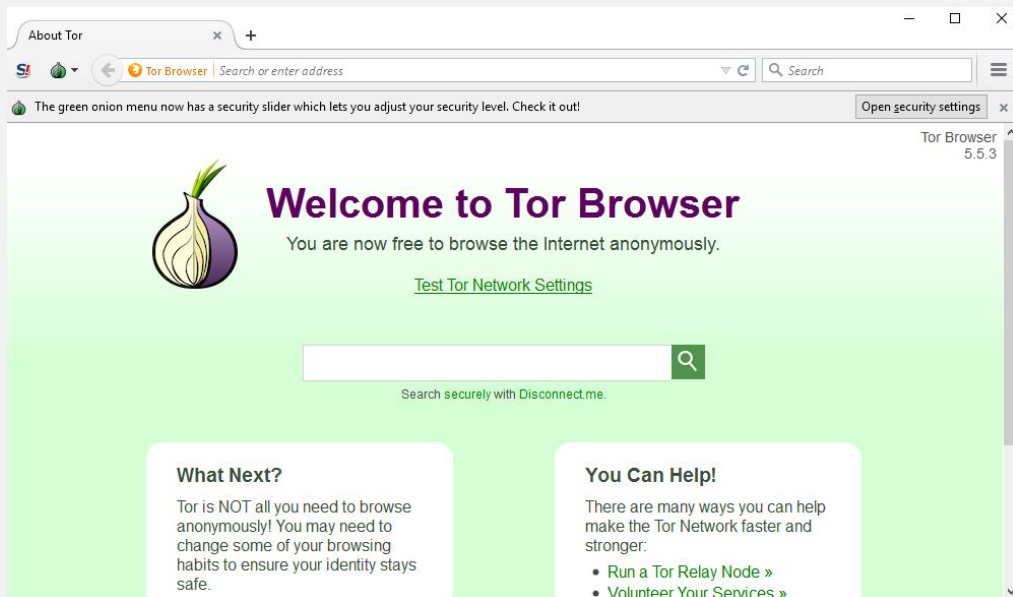


**Tor allows for free speech, access to information, privacy, and security.**

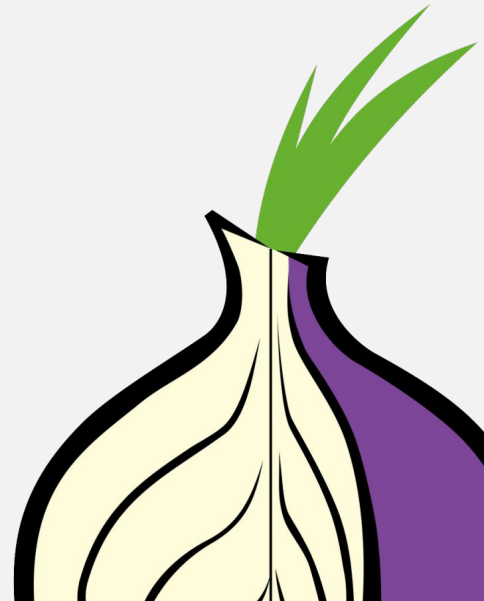


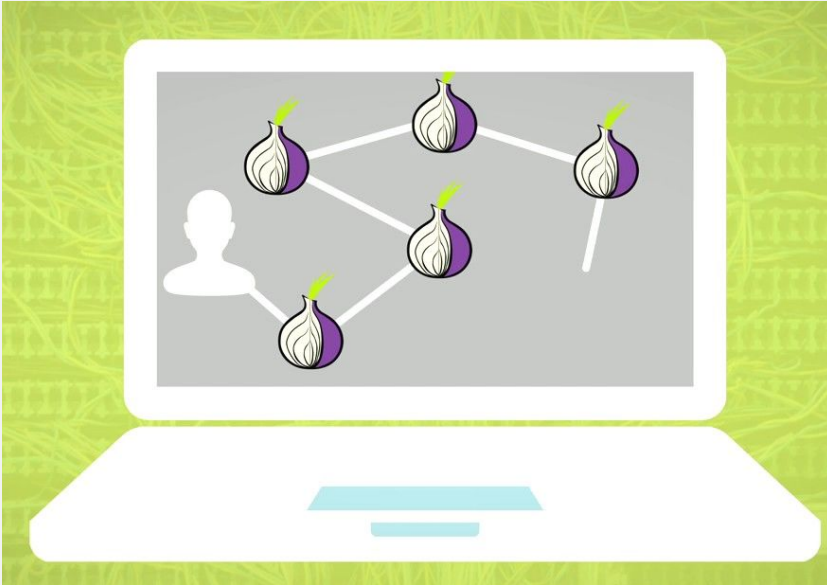






# How we work at Tor



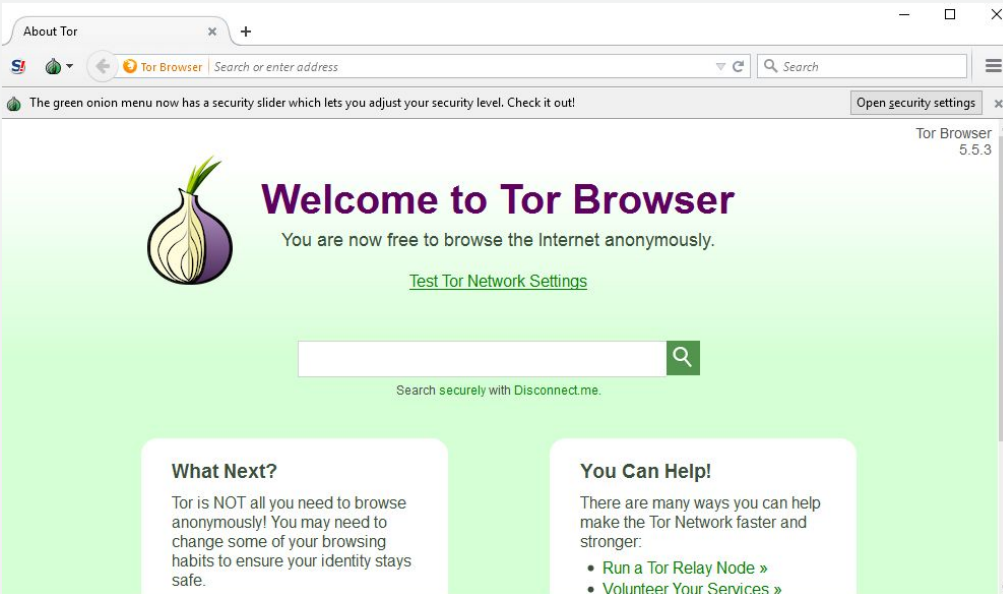


**Network**

**Metrics**

**OONI**



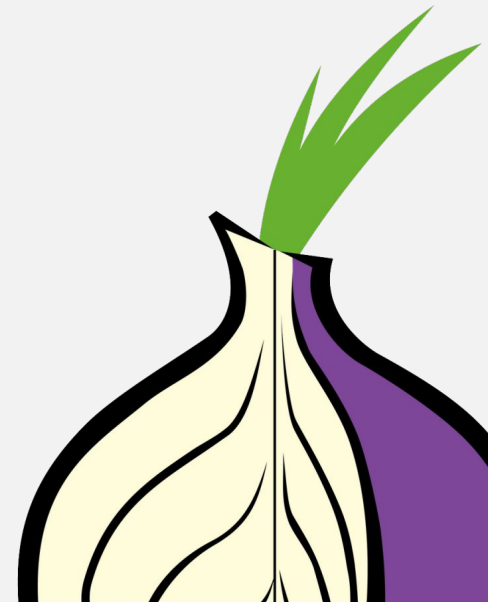


# Applications

# UX

# Onion

**In conclusion...**



**The Tor network is a low-latency,  
decentralized, overlay network that  
provides the security we need.**



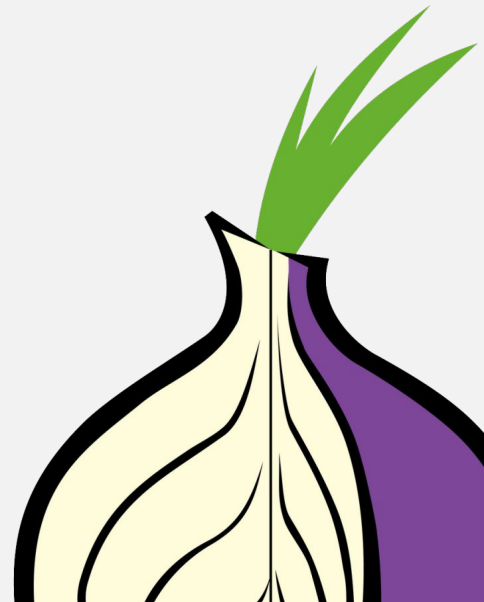
**The Tor Browser provides surveillance resistance, censorship circumvention, privacy, and security.**



**Tor supports digital human rights.**



**You can help!**



# Use Tor Browser, run a relay, or hack with us!

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Download Tor Browser: [www.torproject.org/download](http://www.torproject.org/download)

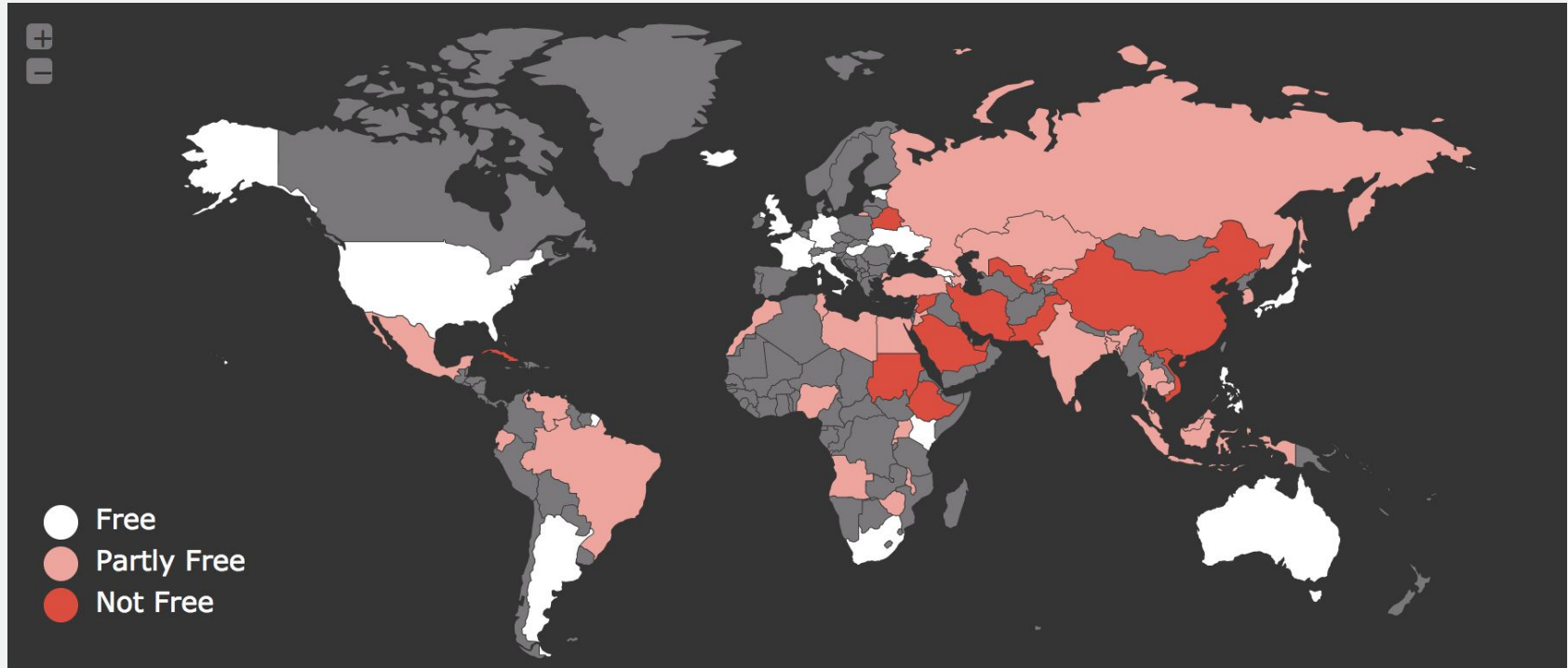
Run a relay: [www.torproject.org/docs/tor-doc-relay.html.en](http://www.torproject.org/docs/tor-doc-relay.html.en)

Volunteer your time: [www.torproject.org/volunteer](http://www.torproject.org/volunteer)

We're hiring: <https://www.torproject.org/about/jobs>



# Internet censorship today-ish (2013)







## UNITED STATES

POPULATION  
313.9 million

Social Media and/or  
Communication Apps  
Blocked?



New Law/Directive Increasing  
Surveillance or Restricting  
Anonymity Passed?



INTERNET PENETRATION  
81%

Political, Social and/or  
Religious Content Blocked?



Blogger/ICT User Arrested for  
Political or Social Writings?



VIOLATIONS OF USER RIGHTS  
12/40

Localized or Nationwide ICT  
Shutdown?



Blogger/ICT User Physically  
Attacked or Killed (including in  
custody)?



FREEDOM ON THE NET  
17/100

Pro-government  
Commentators Manipulate  
Online Discussions?



Technical Attacks Against  
Government Critics and  
Human Rights Organisations?



OBSTACLES TO ACCESS  
4/25

New Law/Directive  
Increasing Censorship or  
Punishment Passed?



LIMITS ON CONTENT  
1/35



UNBLOCKED



UNBLOCKED



UNBLOCKED



# INDIA

## POPULATION

1.3 billion

Social Media and/or  
Communication Apps  
Blocked?



New Law/Directive Increasing  
Surveillance or Restricting  
Anonymity Passed?



## INTERNET PENETRATION

13%

Political, Social and/or  
Religious Content Blocked?



Blogger/ICT User Arrested for  
Political or Social Writings?



## VIOLATIONS OF USER RIGHTS

20/40

Localized or Nationwide ICT  
Shutdown?



Blogger/ICT User Physically  
Attacked or Killed (including in  
custody)?



## FREEDOM ON THE NET

47/100

Pro-government  
Commentators Manipulate  
Online Discussions?



Technical Attacks Against  
Government Critics and  
Human Rights Organisations?



## OBSTACLES TO ACCESS

15/25

New Law/Directive  
Increasing Censorship or  
Punishment Passed?



## LIMITS ON CONTENT

12/35



UNBLOCKED



UNBLOCKED



UNBLOCKED



# CHINA

## POPULATION

1.35 billion

Social Media and/or  
Communication Apps  
Blocked?



New Law/Directive Increasing  
Surveillance or Restricting  
Anonymity Passed?



## INTERNET PENETRATION

42%

Political, Social and/or  
Religious Content Blocked?



Blogger/ICT User Arrested for  
Political or Social Writings?



## VIOLATIONS OF USER RIGHTS

38/40

Localized or Nationwide ICT  
Shutdown?



Blogger/ICT User Physically  
Attacked or Killed (including in  
custody)?



## FREEDOM ON THE NET

86/100

Pro-government  
Commentators Manipulate  
Online Discussions?



Technical Attacks Against  
Government Critics and  
Human Rights Organisations?



## OBSTACLES TO ACCESS

19/25

New Law/Directive  
Increasing Censorship or  
Punishment Passed?



## LIMITS ON CONTENT

29/35



BLOCKED



BLOCKED



BLOCKED

# Myth 1: Tor is run by the US government.

Tor started as a research project at MIT in 2002, and in 2006 we've evolved into a US 501(c)(3) non-profit organization advancing human rights and freedoms by creating and deploying free and open-source anonymity and privacy technologies, supporting their unrestricted availability and use, and furthering their scientific and popular understanding.

## Myth 2: The “dark web” is only bad stuff.

Onion services allow people not just to browse anonymously, but to publish anonymously, including websites. Besides publishing websites, onion services are also relied on for metadata-free chat and file sharing, and provides another secure way to reach popular websites. Facebook is the most popular .onion address, and it can be accessed via Tor Browser: <https://facebookcorewwi.onion/>

## Myth 3: Only bad people use Tor.

Tor keeps the good people anonymous. If you take away Tor, it takes away the ability for the regular citizens to have privacy, security, and anonymity. The government can choose to create false identities and not surveill their own agents. Criminals can go back to stealing people's identities for conducting online transactions instead of staying anonymous. Tor fights for the average person.

# Tor's mission

Tor Project Inc. aims to advance human rights and freedoms by creating and deploying free and open anonymity and privacy technologies, supporting their understanding and use, and furthering their scientific and popular understanding.