Online Anonymity

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The Tor Project
What is Tor?

- online anonymity software and network
- open source, freely available
- active research environment
2000 Nodes

Running routers

# Routers

Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul

- verified Nodes
- +unverified Nodes
- verified Nodes exiting to port 80
- fast verified Nodes
- +fast unverified Nodes
- fast verified Nodes exiting to port 80
The Tor Project, Inc.

- 501(c)(3) non-profit organization dedicated to the research and development of tools for online anonymity
Who funds The Tor Project?

- NGOs 31%
- Individuals 13%
- Governments 56%
Who uses Tor?

- Normal people
- Law Enforcement
- Human Rights Activists
- Business Execs
- Militaries
- Abuse Victims
How Tor works

Alice -> R1 -> R2 -> R3 -> Bob

Alice -> R4

R2 -> R3

R4

R5

Bob2
Available Packages

- Tor Browser Bundle
- Vidalia Bundles
- Torbutton for Firefox
- Operating Systems and Applications leak your info
- Tor doesn't magically encrypt the Internet
- Browser Plugins, Cookies, Extensions, Shockwave/Flash, Java, Quicktime, and PDF all conspire against you
Alternatives

Commercial*:
- JanusVM
- Anonymizer.com
- IronKey
- Xerobank
- Relakks

Free/Open Source:
- Incognito Live CD
- Portable Tor
- OperaTor

* You must trust the corporation
Help?

- Documentation (torproject.org/documentation)
- Mailing lists
  - OR-talk
  - tor-assistants@torproject.org
- wiki.torproject.org
- IRC channel (#tor on irc.oftc.net)
- Me
Live Demo

Congratulations. You are using Tor.

Please refer to the Tor website for further information about using Tor safely.

Additional information:
Your IP address appears to be: 85.204.173.15
This small script is powered by TorDNSel.
You may also be interested in the Tor DNS Exit List Exporter.

This server does not log any information about visitors.
Copyright

- who uses tor?
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