Securing Cyberspace from Misuse: Evaluating Criminal Opportunities on the Tor Network

Dr. Diana S. Dolliver
dldolliver@ua.edu

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Congratulations!
This browser is configured to use Tor.
You are now free to browse the Internet anonymously.
Test Tor Network Settings

What Next?
Tor is NOT all you need to browse anonymously! You may need to change some of your browsing habits to ensure your identity stays safe.

Tips On Staying Anonymous »

You Can Help!
There are many ways you can help make the Tor Network faster and stronger:
- Run a Tor Relay Node »
- Volunteer Your Services »
- Make a Donation »

The Tor Project is a US 501(c)(3) non-profit dedicated to the research, development, and education of online anonymity and privacy. Learn more about The Tor Project »
The Onion Router (TOR)

- Idea was born in 2004
  - Virtual Private Network (VPN)

- 2010: implemented as a 3rd generation onion routing project
  - Federally funded: U.S. Naval Research Laboratory, NSF

- Anonymity!
Legitimate uses for Tor

Doesn’t Tor enable criminals to do bad things?

“Criminals can already do bad things. Since they’re willing to break laws, they already have lots of options available that provide better privacy than Tor provides. Only criminals have privacy right now, and we need to fix that… So yes, criminals could in theory use Tor, but they already have better options.” TorProject.org
The Onion Router (TOR)

- The virtual Silk Road
  - Dead Pirate Roberts (Ross William Ulbricht)
  - $1.2 billion in sales over 2 years
  - Christin (2012)
    - 564 distinct sellers (vendors)
    - 24,385 distinct items for sale
  - 900,000 registered users

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<th># of Items</th>
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<td>Cannabis</td>
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“Tor aims to provide protection for ordinary people who want to follow the law.” TorProject.org
The Numbers?

Tor Metrics: Users

Direct users by country:

Directly connecting users

The Tor Project - https://metrics.torproject.org/
The Landscape...

The need to code!!!!! Each site is different..

**Evolution**
- Sept. 18th
- 14 hours 42 min
- 16,054 items
- 1,262 vendors

**Silk Road 2**
- Sept. 3rd
- 7 hours 16 min
- 1,834 items
- 199 vendors
- MUCH smaller than SR1
Welcome

Notice! Make sure to read our Buyer's Guide before ordering.

Greetings [redacted]

We would like to welcome you to Evolution, a marketplace where established vendors can sell down to the new guy selling a product for the first time.

Evolution’s goal is to combine the old and the new, using what made our predecessors great, infused with modern functionality and clean looks. It was designed and developed with simplicity in mind, and yet be as secure as possible.

Feel free to join us on the forum if you have any questions, bug reports or requests.

- Evolution Team

News

May 6, 2014 — Multi-signature escrow has been implemented!

It is our pleasure to announce that we have implemented multi-signature escrow on Evolution. Please refer to the wiki for detailed instructions.

April 29, 2014 — Contingency plan.

Check out the contingency plan for our cleartnet redirect link and alternative domains.

April 2, 2014 — New FE restrictions.

Requesting FE on listings is prohibited unless permission has been granted. Check the forum for more info.
Evo: Popular Items

- Ketamine 1g by MarcelKelman (99.7%) Level 5 (558)
- "NEW CONDITIONS" 2 grams of pineapple express by Mister_Mitman (100.0%) Level 3 (363)
- Liquid Mushrooms [Pure Psilocybin] No Nausea Faster Trip, Cleaner Feel by TripWithScience (99.7%) Level 3 (385)
- Sample MDMA / 1 gram crystals by BlackFriday (88.8%) Level 1 (534)
- Liberator 3D Printable Gun by DrPlatypus (100.0%) Level 2 (635)
- 20 Gold Bar Pills 200mg MDMA by Rich_Kulinski (99.2%)
- 1g MDMA 84% Brown Flawless by Rich_Kulinski (99.2%)
Facebook Photo Likes - MAKES YOU POPULAR!

By optiman (98.9%)  Level 2 (386)

USD 25,000.00 / BTC 0.0752

Only 45 items remaining.

Option

- Total of 150 Facebook Photo Likes -- 3 days (+ USD 0.0000)
- Total of 500 Facebook Photo Likes -- 3 days (+ USD 21,000.00)
- Total of 1K Facebook Photo Likes -- 3 days (+ USD 55,000.00)
- Total of 2K Facebook Photo Likes -- 3 days (+ USD 95,000.00)

Ships From Worldwide
The time has come, [REDACTED]

Major updates are being deployed to our shadow infrastructure over the next few days. Expect periodic downtime and many new exciting features.

This is an exciting time for us to be serving you.

You will be rewarded for your loyalty during this difficult year.

Expect major updates soon.

- Silk Road Staff

You are Silk Road

Though our enemies may seize our servers, impound our coins, and arrest our friends, they cannot stop you: our people.

You are writing history with every item purchased here.

It is unprecedented for any entity, darknet or cleanet, to completely repay the victims of a Bitcoin hack.

We are sending a clear message of integrity and justice, louder than the slander our oppressors can push into the news. History will prove that we are not criminals, we are revolutionaries.

We do not steal the People’s money like Goldman Sachs, Citigroup, and Morgan Stanley.
We bale each other out with our own sweat.
We are not puppets of fear or greed.
We do not run like the cowards at MtGox, TorMarket, or Sheep.

Silk Road is not here to scam, we are here to end economic oppression.
Silk Road is not here to promote violence, we are here to end the unjust War on Drugs.
Silk Road is not here to submit to authority, we are here to defend a foundational human right: freedom of choice.

Silk Road is not a marketplace.
Silk Road is a global revolt.

The idea of freedom is immortal.
Marketplace Vendors

- Each vendor has a “store” on the Tor site
- Vendor rankings, comments, and customer feedback
Hi guys, I sell military stuff such as: weapons, gasmasks, geiger counters, knives, military clothing, etc.
I ship from Italy or Slovenia to worldwide with full escrow.
If you buy from Europe, you can be assured, because there are no customs checks.
I sell chemical products too, if you need something ask me.
For every question, contact me.
Thank you and have a nice day.
Final Thoughts

- Trends
  - NPS
  - Edibles
  - THC products
Thank you!

Questions??

Dr. Diana S. Dolliver
dldolliver@ua.edu
@dldolliver

Special thanks to my research team!!