

r/onions



# /r/onions: Things That Make You Cry | Tor Onion Routing Hidden Services

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## ABOUT COMMUNITY

The Best Parts of the Anonymous Internet  
| Tor Onion Routing Hidden Services |  
.onions

Created Aug 18, 2009

**377k**

Members

**281**

Online

**Top 1%**

Ranked by Size

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Discussion

## NEW TO TOR AND .ONIONS?

If you are new to the sub, .onion hidden services, or Tor in general. Check out these links first before asking a question here.

[Read our wiki](#)

[Download the Tor Browser](#)

TOP SECRET//COMINT// REL FVEY

## Tor Stinks... But it Could be Worse

(S//SI)

- Critical mass of targets use Tor. Scaring them away from Tor might be counterproductive.
- We can **increase** our success rate and provide more client IPs for individual Tor users.
- Will **never get 100%** but we don't need to provide true IPs for every target every time they use Tor.

TOP SECRET//COMINT// REL FVEY

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## ONIONS

### The Best Parts of the Anonymous Internet!

Or, as chromakode put it, "Things That Make You Cry."

## Onions

*You might not always like what you see down here.*

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## LE

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- [SuprBay](#)
- [Invidious](#)
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- [HardenedBSD](#)

## SecureDrops

[SecureDrop](#) is an open-source

## Resources

```

      .---""
:_____-' :      : .---
|_____ |      | :
|:_____B: |      | | WEL
|:_____B: |      | |
|:_____B: |      | | /r
|_____ |      | | wi
|:_____ :      | |
      ==      |      :
      0      |      : '---
      o      |      : '---..
      o      | -._.-i___/'
|'-.____o_ |      '-. '---
:_____ :      \ ._____
      .'.eeee
fsc      .'.eeeeee
      :

```

## Rules







1. **Onions** - Please don't post pictures of onions. No recipes. Posting anything about the non-Tor onions will get you banned. Ignorance of this rule isn't an excuse. If you post an actual onion here you likely don't belong here anyways. If you do it on purpose, you will earn a perma ban.
2. **Be nice to each other** - You can have disagreements and strong opinions, but remember the human. Help each other learn.
3. **No sourcing** Do not ask where to get illicit goods or services. Do not post reviews of illicit goods from DNM. Do not post about selling illicit goods. Do not post marketplace links. This also includes asking for (or posting) any type of illegal, gore, suicide, or bizarre links. Action: Ban. Could be temporary or permanent - Mods discretion.
4. **No fraud related content** - This sub is not for fraud or carding related discussion. You will be perma banned. Dont do it.
5. **No referral links or URL shorteners** - No referral links or URL shorteners of any kind. Also do not ask for market invites. This is to prevent scammers and

[Download the Tor Browser](#)
[Read our /r/onions wiki](#)
[Orbot: Tor on Android](#)
[TorChat](#)
[Tor & HTTPS explained](#)

### R/ONIONS RULES

1. Onions ▼
2. Be nice to each other ▼
3. No sourcing ▼
4. No fraud related content ▼
5. No referral links or URL shorteners ▼
6. No Direct Dealing ▼

### SISTER SUBREDDITS

	<b>r/hacking</b> 2,628,285 members	<a href="#">Joined</a>
	<b>r/privacy</b> 1,308,676 members	<a href="#">Join</a>
	<b>r/crypto</b> 280,964 members	<a href="#">Join</a>
	<b>r/netsec</b> 477,252 members	<a href="#">Join</a>
	<b>r/TOR</b> 244,424 members	<a href="#">Join</a>
	<b>r/tails</b> 95,487 members	<a href="#">Join</a>

opportunists from flooding the subreddit.

#### 6. **No Direct Dealing** -

Contacting users from this sub to sell them anything is not allowed. Violators will be permanently banned.

7. **Unrelated** - Your post or comment must be related to Tor or .onion hidden services. All spam/self-promotion will also be removed.

## Beginner Questions

What is the quickest way to get started, I want to browse an .onion now!

1. Download the [Tor Browser](#)
2. You can now open up .onion sites like any other sites. Some good ones are to be found in our sidebar.

How to make sure your Tor Browser is in the safest mode:

**Step 1]** Make sure to [click the onion icon and goto into "Security Settings"](#)

**Step 2]** Move the slider all the way to the top to "Safest" - [like this](#)

## Am I anonymous when I run Tor?

By using Tor you are hiding your IP address from the sites that you are visiting. However if your computer, browser, or you yourself give away



r/p2p  
6,535 members

**Join**



r/i2p  
31,026 members

**Join**



r/Freenet  
4,928 members

**Join**



r/OnionLovers  
92,240 members

**Join**

### MODERATORS

**Message the mods**

[u/miserlou](#) DE ▲ THGRIPS

[u/koryk](#)

[u/TriPh0rceTor](#) Honorary phallus

[u/NekroTor](#)

[u/Satoshi-](#) Satoshi Nakamoto

[u/darknetsolutions](#) Onion Web Dev

[u/chloeeeeeeeeee](#) Moderator

[u/-faust](#) Moderator

[u/sapiophile](#) proud cypherpunk

[u/5ixer](#) Moderator

**VIEW ALL MODERATORS**

personal information you can be identified.

To help prevent your computer or browser from giving away identifying information, use the [Tor Browser](#) or [Tails](#). To help yourself, see [The Tor Project's advice](#).

## How do I use Tor while on my mobile device?

Please see our page on [Mobile Tor](#) implementations.

## How do I use reddit with Tor?

Please see our page on [Reddit with Tor](#).

## How the heck am I supposed to find .onions and other stuff?

Please check out the [sidebar here](#). In the **Indexes and Search** section you will find a list of search engines, directories, and indexes to get you started.

## Is it TOR or Tor?

It's Tor :)  
<https://www.torproject.org/docs/faq#WhyCalledTor>

## How can I check my anonymity via browser?

Check your Tor, VPN, or proxy connection anonymity and



fingerprint via these browser based tests.

- [CoverYourTracks by EFF](#)
  - [Am I Mullvad?](#)
- 

## Help

I am unable to browse .onion sites.

Please see our page on [how to test your Tor network connectivity](#).

tl;dr - Browse to <https://check.torproject.org/> first and confirm that it is showing that you are connected to Tor. You should see Congratulations. This browser is configured to use Tor. . If that doesn't work goto the link above.

A certain .onion URL isn't loading, help!

If you attempt to visit a v2 or v3 .onion URL and it doesn't load, dont panic, this is pretty normal. Websites often go up/down or disappear all together. Such is the life of Tor communities and websites.

First, try visiting a popular and established .onion like Facebook, <https://www.facebookwkhpilnemxj7asaniu7vnjjbiltxjqh3mhbshg7kx5tfyd.onion/>. If that loads but the .onion you are trying to visit doesn't, it means the website is most likely down or gone forever.

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# Javascript

## Should I disable Javascript?

Javascript is a scripting language used by many sites (including Reddit) that can potentially be used to de-anonymize you. It is generally a safer configuration to disable Javascript unless you truly trust the website that you are using to not be malicious in anyway.

You can disable Javascript by clicking on the onion logo that is to the left of the address bar. Then click Security Settings and move the Security Level slider all the way up to "Safest".

## Why is Javascript enabled by default then?

You can read the TorProject's [full explanation here](#). The main argument they present is that end users wouldn't know how to go in and enable Javascript on sites that they require it on. The other concern with disabling Javascript is that it is possible to potentially fingerprint your specific ruleset of whitelisted domains for Javascript.

However their final comment is "Until we get there, feel free to leave JavaScript on or off depending on your security, anonymity, and usability priorities."

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## Questions

## Are sites like onion.to and tor2web.org safe?

Sites such as onion.to and tor2web.org will allow you to access Tor hidden services (.onion sites) without using Tor itself. While this can be handy it is generally not advised as the people operating onion.to and tor2web.org will know what .onion sites you accessed and what your IP address is. If they keep logs, or were compelled to give information over to law enforcement your activity could be monitored.

You should have no expectation of privacy when using these services.

## How big is the 'Dark Web'

The dark web is not really all that large. Important, but not "vast reaches of the Internet". Overlay or dark networks may indeed be very large, as well as being more accepted as part of 'regular' Internet technology. For a



reddit



r/onions



r/onions



Search Reddit



## Should I browse things like Facebook and Gmail from Tor?

Since both of these services make use of SSL (https) the Tor exit node will not be able to see the information that you are viewing. However if you are concerned about Google or Facebook knowing that you use Tor it would be

advisable to stick to browsing those services from your standard internet connection and not through the Tor network.

In October 2014, Facebook announced that users could connect through a [Tor hidden service](#) using the Tor browser. This provides better privacy for people in countries like China where Facebook is banned but using also means that you are volunteering to tell Facebook that you use Tor.

## Should I use a VPN with Tor?

Depending on where you live, or if you are concerned about your Internet Provider knowing that you are using Tor it can be a good idea to first connect to your VPN provider, then initiate the Tor connection. In this configuration your Internet Provider will not know that you are making use of Tor.

It is generally a **bad idea** to first connect to Tor and then your VPN connection as if you purchased your VPN or it in any way can be traced back to you your privacy and security are compromised and you may become de-anonymized.

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## What are Tor Bridges and do I need them?

Tor Bridges are specially configured Tor entry points that were created for when a country or internet provider decides to block access to

all of the public Tor entry points. They are not used to increase your personal security. If you require a bridge you can request some at this [Website](#) or you can email (from a gmail or a yahoo address) to [bridges@bridges.torproject.org](mailto:bridges@bridges.torproject.org) with the line 'get bridges' by itself in the body of the mail.

## I just used Tor and browsed a shady website, are the cops coming for me now?

Out of the box Tor is very good at protecting your Anonymity, otherwise no-one would use it. Even with Javascript enabled you are generally going to be safe. The one deanonymization attack we have seen against Tor users required that the user be running an outdated version of the Tor Browser Bundle. So always update.

Unless you provide personal information, or some way to uniquely identify yourself to the site. You are more than likely fine. However as always we recommend that you become familiar with the risks, and precautions to take when running Tor.

## How can I pick what country I want to exit from?

1. Run the "SelekTOR" GUI.

or, 2., Add

```
ExitNodes{US}
```

To your torrc config file. Sub out US

with whatever country you want. However it requires that a Tor exit node exists in this country.

The potential deanonymizing risks of using this option should be considered. See [here](#) for more information.

The basic points

- IPs aren't tied to geophysical locations
- Your exit pattern will look different than everyone else's

Generally people want to blend in with everyone else to stay anonymous. Reducing your possible set of exit relays does not help you blend in.

## How do I find illegal Darkweb sites?

Don't ask. You will be downvoted and/or ignored.

## Is the Darkweb really as dangerous as I've heard?

The rule for anything in Tor is that whatever you can find on Tor, you can find even easier on the open web. Tor has a bad reputation that isn't entirely unearned but the rumors make it out to be worse than it is.

## Do you know of a Darkweb site that has XYZ?

Probably not unless it is a well-

documented kind of website such for [whistle blowers](#). Your best bet is to use the Indexes and Search links on the right and search the [/r/onions](#) history. If you can't find what you're looking for, then someone hasn't shared it or it doesn't exist. You can also try using an .onion search engine like [Ahmia](#), or [Phobos](#).

## How many .onion hidden services exist?

Great question! Typically, there are only about ~90,000 to 110,000 v2 .onions online at any given time. You can check by visiting Tor Metrics <https://metrics.torproject.org/hidse rv-dir-onions-seen.html>

It is unknown how many v3 onion services are online.

## What are relay flags?

Check out our page on relay flags [here](#).

## Are red rooms real?

No.

None have ever been proven to be real. Many have been proven to be fake.

Considering all the times exciting stuff ([hitmen for hire sites](#), [red rooms](#), etc.) have been proven to be fake, and considering how there's no evidence they're real, the

"deep web" is essentially an online version of horror movies. For some reason people don't generally try to claim scary movies are real, though.

a quote by [/u/system33-](#)

## Do people really use Facebook over Tor?

Yes. Over 1 million people each month -

<https://www.facebook.com/notes/facebook-over-tor/1-million-people-use-facebook-over-tor/865624066877648/>

This is why in the last two years we built the Facebook onion site and onion-mobile site, helped standardize the ".onion" domain name, and implemented Tor connectivity for our Android mobile app by enabling connections through Orbot.

Over this period the number of people who access Facebook over Tor has increased. In June 2015, over a typical 30 day period, about 525,000 people would access Facebook over Tor e.g.: by using Tor Browser to access [www.facebook.com](http://www.facebook.com) or the Facebook Onion site, or by using Orbot on Android. This number has grown – roughly linearly – and this month, for the first time, we saw this “30 day” figure exceed 1 million people.

## Can you buy firearms on Tor?



There is a small possibility of legit vendors but you are most likely going to encounter a [law enforcement trap](#), an informant, or be scammed and lose your money and/or get reported and arrested.

**Do NOT attempt it.**

- [Example 1](#)

Unfortunately for him, he ended up dealing with one of the many undercover agents from the Department of Homeland Security who have disguised themselves on the darknet marketplaces as vendors.

- [Example 2](#)

The pattern the Federal Bureau of Investigation has established in similar cases indicates that while the dark web vendor account may have been a legitimate account, the entity behind that account was most likely an undercover federal agent instead of a dark web vendor who continued selling despite the failure to deliver even a single order over the course of two or more years.

- [Example 3](#)

A young man in Upper Bavaria was recently arrested for trying to buy a pistol on the DNMs. The deal never went through. Very few knew what happened to the man after he was arrested and sent to a facility; newly released data reveals that the LKA was involved in the attempted firearm purchase and local police only conducted the raid.

The BKA has primarily arrested customers but vendors have not been ignored. For the most part, German law enforcement played the role of a buyer when catching a vendor. The opposite has been true when catching a buyer. Police have often taken over a vendor's account and used it to catch customers.

LKA officials were the ones behind the actual online transaction. They set up the transaction with the 28-year-old Glock buyer. No specific investigative methods were disclosed but previous firearm cases shed light on the topic; **the BKA and LKA announced that they had full cooperation from the Munich gunman's vendor, including access to his vendor account and PGP keys. His account, they openly stated, was used to trap other buyers.**

## Types of .onion addresses

### v2 onion services

They will always be 16 characters long. Each character has 32 possible values. Therefore, there are  $32^{16} = 1,208,925,819,614,629,174,706,176$  unique v2 onion addresses.

Example =

[facebookcorewwwi.onion](https://facebookcorewwwi.onion)

- the address is "the first 80 bits of the SHA-1 of the 1024-bit RSA key"

## v3 onion services

They will always be 56 characters long. A v3 address will always end in a **d** due to the way v3 onion service names are [encoded](#).

An onion addresses uses base32 encoding which does not include 0,1,8,9 numbers so a url will never have these numbers in it.

Example =

[facebookwkhpilnemxj7asaniu7vnjjbiltxjqhye3mhbshg7kx5tfyd.onion/](https://facebookwkhpilnemxj7asaniu7vnjjbiltxjqhye3mhbshg7kx5tfyd.onion/)

Some reasons for the update to move from v2 onions:

- The cryptographic building blocks use updated or more secure signature algorithms and hashing methods. For instance, the older SHA1/DH/RSA1024 was swapped with SHA3/ed25519/curve25519.
- Directory protocol has been improved and now leaks less metadata to directory servers. This is, in part, to avoid attacks where a hidden service can be censored easily based on the descriptor. To prevent predictability Tor uses, different, pseudo random variables. Time period, public keys, shared random values, etc.
- "Better onion address security"

against impersonation; more extensible introduction/rendezvous protocol; and a cleaner and more modular codebase."

[source](#)

More reading / knowledge:

[DEF CON 25 - Roger Dingledine - Next Generation Tor Onion Services \(video\)](#)

<https://gitweb.torproject.org/torspec.git/tree/rend-spec-v3.txt>

<https://blog.torproject.org/we-want-you-test-next-gen-onion-services>

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## Crawling and indexing .onion sites

How do search engines crawl .onion sites? How can I do it?

Here are some resources for you to start.

<https://github.com/dirtyfilthy/fresh-onions-torscraper>

<https://github.com/ahmia/ahmia-crawler>

<https://ache.readthedocs.io/en/latest/tutorial-crawling-tor.html>

More reading:

<https://donncha.is/2013/05/trawling-tor-hidden-services/>

# Make your own .onion

## How do I configure a Tor Hidden Service?

Check out our [Wiki page on that](#). Also take a look at the Tor Projects [official page on it](#).

Additional resources:

- <https://medium.com/@ajphillips/how-to-create-your-own-tor-hidden-service-436bece8602f>
- [https://www.reddit.com/r/HowToHack/comments/d3k9tq/easily\\_host\\_your\\_own\\_onion\\_website\\_in\\_dark\\_web\\_in/](https://www.reddit.com/r/HowToHack/comments/d3k9tq/easily_host_your_own_onion_website_in_dark_web_in/)

## How do I make my own vanity custom .onion services URL like [redditw2l7jfiwht.onion](#)?

If you don't know what to do with the stuff found at these links, you need to go learn about compiling software from source for your operating system (on a different subreddit, or not even on Reddit). This can get complex fast, but most of these are simple programs.

For v2 .onion services:

<https://github.com/ReclaimYourPrivacy/eschalot>

<https://github.com/lachesis/scallion>

<https://github.com/katmagic/Shallo>

(v2 urls are now outdated)

For v3 .onion services:

<https://github.com/cathugger/mkp224o>

<https://github.com/rdkr/oniongen-c>

<https://github.com/Yawning/horse25519>

How do I use Eschalot to generate a custom v2 .onion?

Great question!

1) Install Eschalot on your server

2) Then type ./eschalot -vct4 -p meow

Replace the meow section with whatever name you want your v2 .onion address to start with.

The script will eventually generate a RSA private key that you can then put in /usr/local/etc/tor/hidden\_http\_service/private\_key.

**Note** that the above example would find results pretty quickly since only 4 letters have to match; the longer you make your search pattern, the longer it'll probably take. Up to 6 characters should be quick enough for the workshop (within a few minutes). 8 characters is feasible later (expect results within a day).

Resources:

<https://robindoherty.com/tor/fancy>

[-dot-onion.html](#)

## Hardening Nginx

- [Nginx Admin's Handbook](#)

## .onion hosting

- [Daniel Hosting](#) RIP 3/25/20
  - [Ablative Hosting](#)
- 

## Email

[See our master list of onion based email providers](#)

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## Messaging

- [Ricochet](#) - Ricochet uses the Tor network to reach your contacts without relying on messaging servers. It creates a hidden service, which is used to rendezvous with your contacts without revealing your location or IP address.
- 

## Definitions

### Deep Web

Deep web (search): information which is not registered with any search engine (definition as per the August 2001 paper [The Deep Web: Surfacing Hidden Value](#) from the Journal of Electronic Publishing). This includes information which is housed in databases and which is only viewable through dynamic pages generated when the content

is requested, and information which resides behind authentication such as on private organizational networks and public networks such as Facebook.

Deep web: Often confusingly used as a synonym for Dark web

[source](#)

## Dark Web

That portion of the web which cannot be easily reached from the public Internet, and usually requires specialized software to access. Examples of the dark web are the Tor network and hidden services (.onion), the I2P network and its eepsites (.i2p), and the RetroShare network.

[source](#)

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## Conferences

### DEF CON

- [DEF CON 27](#)
- [DEF CON Media Server](#)
- [DEF CON Groups](#)

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## Operating Systems

### Tails

Tails stands for The Amnesic Incognito Live System. Tails is a live operating system that you can start on almost any computer from a



USB stick or a DVD.

It aims at preserving your privacy and anonymity, and helps you to:

- **use the Internet anonymously** and **circumvent censorship**; all connections to the Internet are forced to go through the Tor network;
- **leave no trace** on the computer you are using unless you ask it explicitly;
- **use state-of-the-art cryptographic tools** to encrypt your files, emails and instant messaging.

<https://tails.boum.org/index.en.html>

## QubesOS

v2 [http://qubesos4rrrrz6n4.onion/RIP 3/25/19](http://qubesos4rrrrz6n4.onion/RIP%203/25/19)

v3  
<http://sik5nlqfc5qylnnsr57qrbm64zbdx6t4lreyhpon3ychmxmiem7tioad.onion> RIP 3/25/19

v3  
<http://qubesosfasa4zl44o4tw522di6kepyzfeqv3tg4e3ztknltxqrymdad.onion/>

<https://www.qubes-os.org/>

## Whonix

v2 <http://kkkkkkkkkk63ava6.onion/>

v3  
<http://dds6qkxpwdeubwucdiaord2x>

[gbbeyds25rbsgr73tbfpqpt4a6vjwsy.d.onion](http://gbbeyds25rbsgr73tbfpqpt4a6vjwsy.d.onion)

<https://www.whonix.org/>

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## Sharing Things Online Safely

The reason you want to be safe when uploading images or files you are going to be sharing is that you never know who is going to see or find them. A malicious actor or Law Enforcement Agencies (LEAs) could find your image and then subpoena the website you uploaded it to or issue a [NSL gag order](#) to obtain your info.

### Riseup

<https://share.riseup.net/>

### OnionShare

<http://lldan5gahapx5k7iafb3s4ikijc4ni7gx5iywdfkba5y2ezyg6sjgyd.onion>

<https://onionshare.org/>

### filedrop

<http://dropperibhaerr2m.onion/>

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## Reading

### OPSEC By Example

An interesting series by user [/u/vizy93](#). Highly recommend

checking them out.

- [Opsec By Example e1: Digitalink a.k.a. Jacob Theodore George IV](#)
- [Opsec By Example e2: Steven W. Chase, founder of The Playpen](#)

## Libraries

- [The Imperial Library of Trantor](#) - The Imperial Library of Trantor (also known as Galactic Library) is a repository of DRM-free ebooks on ePub format.
  - [Clockwise](#) - Clockwise Libraries. Requires JS enabled
  - [Bibliomaniac Presents: Know Your Onions](#) - Here is Bibliomaniac's annotated list of links to onions that serve books.
  - [Open Library](#)
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## Whistleblowers

This is how you would safely expose sensitive information to news and media organizations without your employer, an organization, law enforcement, or nation states being able to identify or spy on you. All of the SecureDrop urls below are verified .onion addresses.

## SecureDrop

[SecureDrop](#) is an open-source whistleblower submission system

news organizations can install to safely and anonymously receive documents and tips from sources. SecureDrop is a project of [Freedom of the Press Foundation](#). It was originally designed and developed by [Aaron Swartz](#) ([/u/aaronsw](#) RIP) and Kevin Poulsen under the name DeadDrop.

View the entire directory here - <http://sdolvtfhatvsysc6l34d65ymdwxcujausv7k5jk4cy5ttzhjoi6fzvyd.onion/directory/>

- [2600: The Hacker Quarterly](#) - A magazine about computer hacking and telephony.
- [Al Jazeera](#) - Al Jazeera is a media network comprising more than 10 channels and divisions.
- [Associated Press](#) - The Associated Press is a U.S.-based not-for-profit news agency headquartered in New York City.
- [Apache](#) - Apache is a Belgian news website and cooperative for progressive investigative journalism.
- [CBC](#) - The CBC is Canada's national public broadcaster for radio and television.
- [Bloomberg News](#) - Bloomberg News is an international news agency headquartered in New York.
- [Buzzfeed](#) - BuzzFeed, Inc. is an American Internet media company based in New York City.

- [Forbes](#) - Forbes is an American business magazine.
- [HuffPo](#) - HuffPost is an American news and opinion website with local and international editions.
- [MormonLeaks](#) - MormonLeaks is a nonprofit advocating transparency in the LDS (Mormon) Church.
- [New York Times](#) - The New York Times is an American newspaper based in New York City.
- [NPR](#) - National Public Radio is an American privately and publicly funded non-profit membership media organization based in Washington, D.C.
- [NRK](#) - NRK is Norway's public broadcaster (TV, radio, online), offering news and in-depth journalism.
- [ProPublica](#) - ProPublica is an independent nonprofit newsroom.
- [Radio-Canada](#) - Radio-Canada is the French language division of Canada's public broadcaster.
- [The Guardian](#) - The Guardian is a British daily newspaper.
- [The Intercept](#) - The Intercept is an online news publication dedicated to adversarial accountability journalism.
- [The San Francisco Chronicle](#) - The San Francisco Chronicle is a US newspaper primarily serving the San Francisco Bay

Area.

- [The Verge](#) - The Verge is an American technology website operated by Vox Media.
- [The Washington Post](#) - The Washington Post is an American daily newspaper published in Washington, DC.
- [USA Today Network](#) - USA TODAY Network is a news network that comprises USA TODAY and many local newspapers.
- [Vice](#) - Vice Media is a North American digital media and broadcasting company.

You can view the entire directory of SecureDrops @ <https://securedrop.org/directory/>

## How does SecureDrop work?

SecureDrop uses the anonymity network Tor to facilitate communication between whistleblowers, journalists, and news organizations. SecureDrop sites are therefore only accessible as hidden services in the Tor network. After a user visits a SecureDrop website, they are given a randomly generated code name. This code name is used to send information to a particular author or editor via uploading. Investigative journalists can contact the whistleblower via SecureDrop messaging. Therefore, the whistleblower must take note of their random code name.

The system utilizes private, segregated servers that are in the possession of the news organization. Journalists use two USB flash drives and two personal computers to access SecureDrop data. The first personal computer accesses SecureDrop via the Tor network, the journalist uses the first flash drive to download encrypted data from the Internet. The second personal computer does not connect to the Internet, and is wiped during each reboot. The second flash drive contains a decryption code. The first and second flash drives are inserted into the second personal computer, and the material becomes available to the journalist. The personal computer is shut down after each use.

Freedom of the Press Foundation has stated it will have the SecureDrop code and security environment audited by an independent third party before every major version release and then publish the results. The first audit was conducted by University of Washington security researchers and Bruce Schneier. The second audit was conducted by Cure53, a German security firm.

SecureDrop suggests sources disable JavaScript to protect anonymity.

[source](#)

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# Gaming

## Misc. Games

- Monopoly on IRC -  
[https://old.reddit.com/r/onions/comments/ach1sq/onion\\_irc\\_game\\_monopoly\\_on\\_darksci3bfoka7twonion/](https://old.reddit.com/r/onions/comments/ach1sq/onion_irc_game_monopoly_on_darksci3bfoka7twonion/)
  - [Connect4](#)
  - [EndlessServer](#) - EndlessServer is a browser game featuring an engaging ancient world with thousands of other real players.
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## Non-English

### Spanish / Portuguese

- [Manual de usuario del Navegador Tor](#)
  - [Torifícate de una vez. Entender la red Tor en su totalidad](#)
  - [La administradora de sistemas](#)
  - [Crypt4you](#)
  - [Cuba libre](#)
  - [Información y apoyo contra las drogas y el alcohol en español](#)
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## Reporting Material

If you come across anything on an .onion that you feel should be reported. Here are some starting places and links to report material.



## Exploited or Missing Humans

- <https://report.cybertip.org/>
- <https://www.justice.gov/criminal-ceos/report-violations>
- <https://www.ecpat.org/what-we-do/report-child-exploitation/>
- <http://www.missingkids.com/gethelpnow/cybertipline>
- <https://www.cybertip.ca/app/en/report>

## Drugs & Computer Crime

- [The Northern California Illicit Digital Economy \(NCIDE\) Task Force](#)
  - <https://www.europol.europa.eu/report-a-crime/report-cybercrime-online>
  - <https://www.justice.gov/actiometer/report-crime>
  - [https://www.deaiverison.usdoj.gov/tips\\_online.htm](https://www.deaiverison.usdoj.gov/tips_online.htm)
  - <https://www.fbi.gov/tips>
  - <https://www.police.uk/information-and-advice/reporting-crime/>
  - <https://www.ic3.gov/complaint/splash.aspx?>
  - <https://cyber.gc.ca/en/cyber-incidents>
  - <https://www.dcypher.nl/en/nhtcu>
  - [https://www.bka.de/EN/OurTasks/AreasOfCrime/Cybercrime/cybercrime\\_node.html](https://www.bka.de/EN/OurTasks/AreasOfCrime/Cybercrime/cybercrime_node.html)
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## Related Subs

- [/r/Tor](#)
  - [/r/Privacy](#)
  - [/r/tails](#)
  - [/r/i2p](#)
  - [/r/netsec](#)
  - [/r/sysadmin](#)
  - [/r/hacking](#)
  - [/r/p2p](#)
  - [/r/deepweb](#)
  - [/r/gpgpractice](#)
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## Resources

- [Surveillance Self-Defense](#) : our expert guide to protecting you and your friends from online spying.
    - [How to: Use PGP for Linux](#)
    - [How to: Use PGP for macOS](#)
    - [How to: Use PGP for Windows](#)
    - [How to: Use Tor for Linux](#)
    - [How to: Use Tor for macOS](#)
    - [How to: Use Tor for Windows](#)
  - [Hardening macOS](#)
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