

Become Invisible on the Internet

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Nothing to Hide?

- https://en.wikipedia.org/wiki/Nothing_to_hide_argument
 - [Snowden](#) remarked "Arguing that you don't care about the right to privacy because you have nothing to hide is no different than saying you don't care about [free speech](#) because you have nothing to say."

<https://www.webcitation.org/6HeFffVTA?url=http://www.cs.stonybrook.edu/~tashbook/spring2013/cse312/312-02-solove-privacy.pdf>

Surveillance and “Nothing to Hide”



*CSE/ISE 312: Legal, Social, and Ethical Issues
Stony Brook University*

*Source: D. Solove, “‘I’ve Got Nothing to Hide’ and Other
Misunderstandings of Privacy” (2008)*

“Perhaps the most striking thing about the right to privacy is that nobody seems to have any very clear idea what it is.”

— Judith Jarvis Thomson, “The Right to Privacy”

Right to Privacy

- Some current debates around the right to privacy include whether privacy can co-exist with the [current capabilities](#) of [intelligence agencies](#) to access and analyze many details of an individual's life; whether or not the right to privacy is forfeited as part of the [social contract](#) to bolster defense against supposed terrorist threats; and whether threats of terrorism are a valid excuse to spy on the general population.
- Private sector actors can also threaten the right to privacy—particularly technology companies, such as [Amazon](#), [Apple](#), [Facebook](#), [Google](#), and [Yahoo](#) that use and collect [personal data](#). These concerns have been strengthened by scandals, including the [Facebook–Cambridge Analytica data scandal](#), which focused on [psychographic](#) company [Cambridge Analytica](#) which used personal data from Facebook to influence large groups of people.

Tech Hacks: How to Stay Invisible Online

How to Stay Anonymous Online in 2018

- Today, it has become more important than ever to learn how to stay anonymous online and how to surf the web anonymously without leaving a trace. After all, it will not only hide your real identity but also secure yourself from prying eyes and online threats.

Top 5 Reasons You Need to Embrace Online Anonymity

Government Surveillance

In early 2017, WikiLeaks published confidential documents that revealed how some agencies use security exploits in smart devices to conduct illegal surveillance.



Identity Theft

In 2016, over 400 billion data records were stolen, which ultimately led to identity theft.

- 9 million people fall victim to identity theft every year in the US alone
- Identity theft costs around \$50 billion every year



Freedom of Speech

Freedom of expression is your right but using it without anonymity can attract online harassment or worst lend you in jail or forced to exile.



Public Wi-Fi

Public Wi-Fis are open to numerous kinds of threats that could lead to identity theft and other cybercrimes.

Here's how public Wi-Fi can put your data at risk

- Man-in-the-Middle Attack
- Packet Sniffing
- Hotspot Spoofing
- Session Hijacking

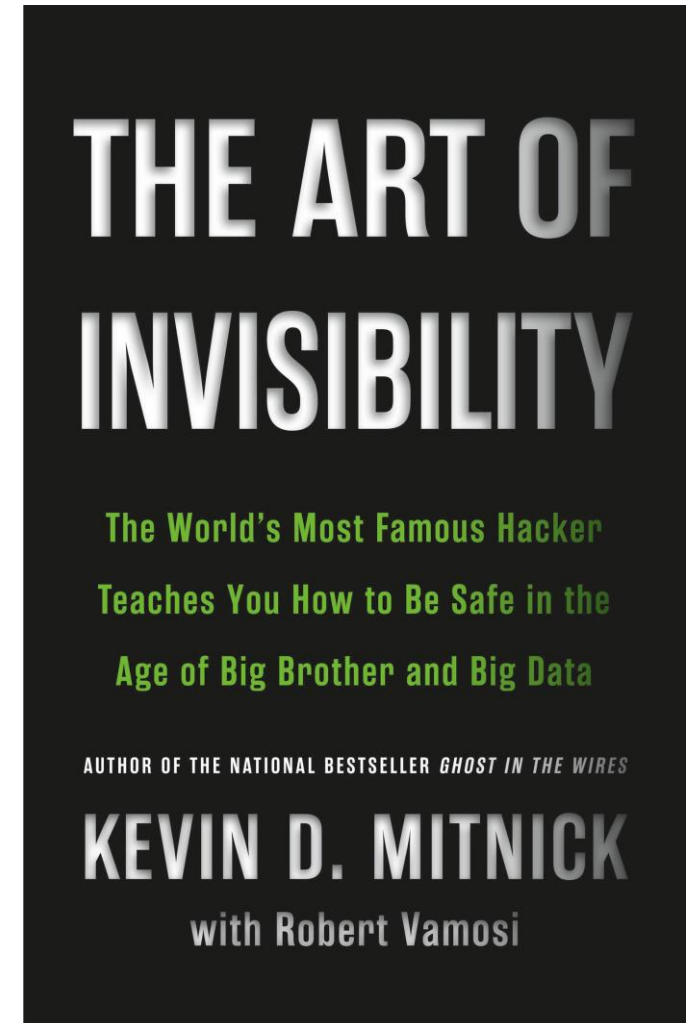


Internet Censorship

Your government controls what you can view and what you can't on the Internet. You can't beat internet censorship without online anonymity.



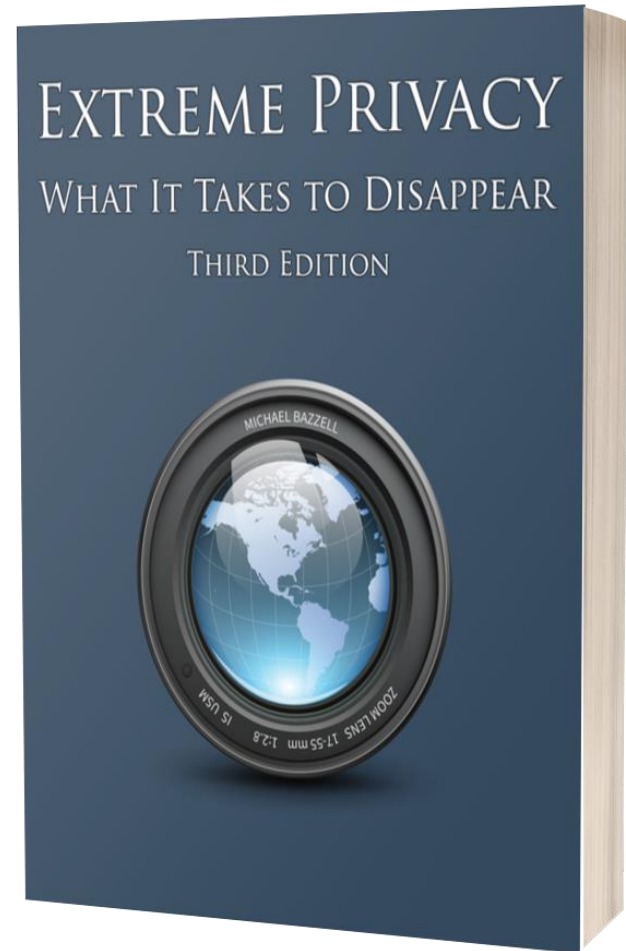
- Famed Hacker Kevin Mitnick Shows You How to Go Invisible Online
 - Want to become invisible online? Start with your emails.
- To become truly invisible in the digital world you will need to do more than encrypt your messages. You will need to:
 - Remove your true IP address
Obscure your hardware and software
Defend your anonymity



INTEL TECHNIQUES By Michael Bazzell

The Privacy, Security, and OSINT Show

- [182-How to Disappear: Part One](#)
- [184-How to Disappear: Part Two](#)



Protect Yourself from Scams and Fraud

- Frank Abagnale, AARP ambassador, has advised the FBI on how to outsmart con artists for over four decades. Once one of the world's most famous confidence men, inspiring the Steven Spielberg film *Catch Me if You Can*, he is now one of the world's most respected authorities on identity theft. He assists AARP by sharing his expertise and insight to arm individuals with the knowledge and information on how to spot and avoid scams, and the importance of safely using social media so that they can protect their families.

The Perfect Scam

[You've Got Mail, With Frank Abagnale, Part 1](#)

[You've Got Mail, With Frank Abagnale, Part 2](#)

- **How to be invisible online**

- **The Hidden24 essential guide to staying on the grid, but less visible**

- It's a well-known fact that companies are getting their hands on users personal data and using it for all manner of reasons, ranging from marketing tactics to profiling individuals for their online & offline user habits.

- **Go Incognito**

- **Block third party cookies**

- **Tailor permissions for websites that you access**

- **How To Become Invisible Online**

- [Video](#)

- (24 min – start :00-11:31))

[00:00](#) intro

[00:55](#) Level 1 Anonymity

[03:33](#) System For Password Creation

[05:53](#) System For Storing Passwords Safely

[09:10](#) Restrict What You Reveal About Yourself

[10:10](#) Create Multiple Emails

[12:51](#) Level 2 Anonymity

[12:59](#) How To Hide Yourself Online

[14:48](#) How The Tor Web Browser Works

[15:35](#) Use Encrypted Messaging

[16:38](#) Become Invisible Online

[17:37](#) The Tor Exit Node Problem

[18:35](#) What is a Proxy?

[19:18](#) Create Your Own Proxy

[20:06](#) Become The Proxy

[21:30](#) Creating An Anonymous Gmail Account

[23:07](#) Conclusion

- A hacker explains the best way to browse the internet anonymously (using TOR)
 - [Video](#) (2 min)

- **[An everyman's guide for going invisible on the internet](#)**

It's impossible to go 100 percent invisible online if you use the internet in any capacity. We still don't completely understand [the scope and power of the NSA's](#) surveillance capabilities, and it's highly unlikely that any single individual, no matter how resilient their encryption protocols, could withstand a rigorous investigation by the U.S. government. Still, there *are* ways ordinary users can better protect their privacy online.

- **Use Tor to mask your IP address**
- **Consider setting up a VPN**
- **Encrypt your sensitive emails**
- **Don't 'Google'**
- **Chat in private**

- **How to Be Invisible Online**

- Going on the Internet means you're also exposing some details or information about you. Other people can see you, the things you share, and even talk to you while you're online. Some personal information can also be stored on servers of sites you visit, which can jeopardize your privacy if you were to do some very private matters like bank transactions. If you want to go under the radar, either for privacy reasons or you just don't want to be disturbed by others, you can become invisible online in just a few simple steps.

- **Online anonymity: 8 easy ways to become invisible on the Internet**

- 1. VPN
- 2. Proxy server
- 3. Tor
- 4. Message encryption
- 5. Disable geolocation
- 6. Email with mail encryption
 - If you use services like Yandex.Mail or Gmail, then anonymity is out of the question. Alternatively, you can use:
 - • ProtonMail — allows you to encrypt your account. You do not have to provide personal information for registration;
 - • Tutanota — encrypted email box.
- 7. The level of access of mobile applications
- 8. Cryptocurrency

- **How to Be Invisible on the Internet**

- Everywhere you look, concerns are mounting about internet privacy.
- Although giving up your data was once an afterthought when gaining access to the newest internet services such as Facebook and Uber, many people have had their perspective altered by various recent scandals, billions of dollars of cybertheft, and a growing discomfort around how their personal data may be used in the future.
- More people want to opt out of this data collection, but aside from disconnecting entirely or taking ludicrous measures to safeguard information, there aren't many great options available to limit what is seen and known about you online...

- **How to protect yourself and your data online by reducing visibility**

- Unless you've been living 'off the grid' – and we mean truly off the grid – your entire life, it's impossible to erase yourself from public records, let alone the internet.
- To truly avoid your information getting out there, you would either had to have never logged onto a website in your entire life, or been accepted into the Witness Protection Program, both of which options are pretty far-fetched for the average person living in a developed nation...