



Risk Assessment

1. What **information** do you want to keep private?
2. **Who** might try to access that information without your consent? **How likely** is it that someone will succeed accessing this information?
3. What are you **already doing** to keep it private?
4. What are the consequences and **how impactful** would the consequences be for you?

EFF's Surveillance Self Defense, <https://ssd.eff.org/en/module/introduction-threat-modeling>

Passwords and 2-Factor Authentication

Password Tips

- Create **unique** passwords for the most sensitive accounts
- **Change** passwords every 6 months
- Make it **complicated**: Use a method that is unique to you or a generator
- Use **2-factor** authentication
- Use a **password manager** to store complicated unique passwords
- Use **one-time passwords** on shared computers

How to Make Super Secret Passwords by AJ+: <https://www.youtube.com/watch?v=Oc6NiSrlvVc>

Lyrics/Phrase-based Password Creation

Choose a phrase or lyrics that are memorable for you. Use the first letter of each word to develop a password.

She was more like a beauty queen from a movie scene → SWMLABQFAMS → \$wml@BQf@m\$

Password test: How strong is my password? <https://blog.kaspersky.com/password-check/>

2-Factor Authentication: Something I know and something I have

List of sites and instructions for activating 2-Factor Authentication: <https://twofactorauth.org/>

Password Managers

"You need a password manager. Here are some good free ones."

<http://www.wired.com/2016/01/you-need-a-password-manager/>

Popular Password Managers

LastPass, <https://lastpass.com/>

Dashlane, <https://www.dashlane.com>

KeePass, <http://www.keepass.info>

Privacy on Public Networks and Wifi

HTTPS Everywhere: Browser extension for Chrome, Firefox, Opera and Firefox Mobile

<https://www.eff.org/https-everywhere>

Library Freedom Project HTTPS Pledge:

<http://go-to-hellman.blogspot.co.uk/2015/08/update-on-library-privacy-pledge.html>

Video: Insecurity of WIFI networks

<http://www.onguardonline.gov/media/video-0080-public-wi-fi-networks>

Wireshark: A diagnostic tool that helps you understand the ease of intercepting unencrypted traffic and what data can be captured: <https://www.youtube.com/watch?v=XmbMrStH630>

Virtual Private Networks (VPN)

“How to Choose the Best VPN Service for Your Needs” 2015,

<http://www.howtogeek.com/221929/how-to-choose-the-best-vpn-service-for-your-needs/>

“Proxy Services Are Not Safe. Try These Alternatives” 2015,

<https://www.wired.com/2015/07/proxy-services-totally-unsecure-alternatives/>

What is my fingerprint?

Go to: <https://www.whatismybrowser.com/>

Go to: <https://panoptickick.eff.org> and click “Test Me”

Anonymous Browsing with Tor: <https://www.torproject.org>

Graphic illustrating Tor and HTTPS: <https://www.eff.org/pages/tor-and-https>

Tactical Technology Collective’s guide to installing and using Tor:

<https://securityinabox.org/en/guide/torbrowser/>

Browsing Privacy

WSJ video: **How Advertisers Use Internet Cookies to Track You**

<http://www.wsj.com/video/how-advertisers-use-internet-cookies-to-track-you/92E525EB-9E4A-4399-817D-8C4E6EF68F93.html>

Who we are on the internet and tools for more private browsing

My browser and browser cookies My accounts when I’m logged in My fingerprint	Browser settings Actively blocking tracking Opting out of tracking
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How to view your cookies in IE, Firefox, Chrome and Safari:

<http://www.wikihow.com/View-Cookies>

Browser settings

- Deleting Cookies and History
- Private Browsing Modes

Plugins to limit Third Party Tracking

Privacy Badger: <https://www.eff.org/privacybadger>

Disconnect, <https://disconnect.me/>

Adblock Plus, <https://adblockplus.org/>

Ghostery, <https://www.ghostery.com/>

Opting out of Google tracking: <https://www.google.com/settings/u/0/ads>

Malware

BPL's Anti-malware System:

- McAfee Antivirus Enterprise, mcafee.com - Windows
- Gatekeeper, Macs
- Update virus protection daily; scan computers and files

Other popular Anti-malware Software:

- AVG, avg.com -
- Avast, avast.com - Free scan and cleanup;
- Kaspersky, kaspersky.com - Free scan and cleanup;
- Malwarebytes, malwarebytes.org - Free scan and cleanup;
- Norton, norton.com - Free trials;
- Sophos, sophos.com - Free tools for home use (click "Free Tools")

F-Secure's Malware Threat Database:

https://www.f-secure.com/en/web/labs_global/threat-descriptions

Project Resources

Project website: <http://dataprivacyproject.org>

For more information about the project, email dataprivacy@bklynlibrary.org