

## Starters



**Firefox:** a Free web browser without spyware (though you may want to disable the ads in the new tab page)  
<https://mozilla.org/firefox>



**Privacy Badger:** block tracking (cookies)  
<https://eff.org/privacybadger>



**HTTPS Everywhere:** automatically use HTTPS more often  
<https://eff.org/https-everywhere>



**Startpage & DuckDuckGo:** search the web with (more) privacy  
<https://startpage.com>  
<https://duckduckgo.com>

## Security basics

Install **updates** (automatically); **verify** origin and trustworthiness of software.

Use a **firewall** and **virus scanner** (if applicable); make sure you don't have e.g. file sharing enabled when connected to public (or someone else's) Wi-Fi.

Automatically **lock** the screen with password or PIN.

Use strong **passwords** (e.g. sentences of at least 4 random words); use separate passwords for separate (categories of) accounts; use a password manager if you don't want to remember them all. Be careful with **security questions**: make sure the answers are actually secret.

Protect your **primary email address**: it often provides access to many other accounts.

Ensure **physical security** of computers and devices.

Make **backups** (encrypted if necessary). But be careful with (automatic) cloud backups: you may lose **control over your data** unintentionally.

Use **encrypted connections** for web (HTTPS) and email (SSL/TLS/STARTTLS).

## Main courses



**Tor:** surf the Internet anonymously  
<https://torproject.org>



**GnuPG:** encrypt your emails  
<https://emailselfdefense.fsf.org>  
<https://gnupg.org>



**OTR (& Pidgin):** encrypt your chats  
<https://pidgin.im>  
+ <https://otr.cypherpunks.ca>



**Encrypt your hard disk:** make sure your data is protected when your device is lost or stolen.



**Tails:** the live operating system that aims to preserve your privacy and anonymity (using **Tor**, **GnuPG**, **OTR**, etc.)

<https://tails.boum.org>

## Android



**Free Your Android:** regain control of your Android device  
<https://freeyourandroid.org>



**F-Droid:** App Store with Free Software  
<https://f-droid.org>



**The Guardian Project & Open Whisper Systems:** secure mobile apps (including **Tor**, **encrypted email** and **encrypted messaging**)  
<https://guardianproject.info/apps>  
<https://whispersystems.org>



**Encrypt your device:** make sure your data is protected when it's lost or stolen.



**Check the privacy settings:** like location data and backups.

## Desserts



Use a Free operating system like **Debian** (or other **GNU/Linux** distribution).

<https://debian.org>



**PRISM Break:** Privacy-aware recommendations to proprietary software (& services)

<https://prism-break.org>



**Terms of Service; Didn't Read (ToS;DR):** analyzed and graded terms of service and privacy policies

<https://tosdr.org>



**xkcd:** A webcomic of romance, sarcasm, math, and language.

<https://xkcd.com>

## iOS



**Encrypt your device:** make sure your data is protected when it's lost or stolen.



**Check the privacy settings:** like location data and backups.



**ChatSecure:** OTR-encrypted text messaging

<https://chatsecure.org>

Feel free to visit a **hackerspace** or **Linux user group near you**; the people there are more than happy to talk to you about important topics like privacy. You can also find help online by subscribing to **mailing lists** or visiting **Internet forums** dedicated to specific projects or more generic topics.

**NB:** Even using the software recommended here, your privacy may be compromised; e.g. by non-free operating systems like Windows, OS X, iOS, and stock Android.