

security in-a-box  
(/en)

tools and tactics for digital security

SEARCH

ENGLISH

Tactics (/en/tactics)   Tools (/en/tools)   Community

SECURITY IN-A-BOX

Security in-a-Box is a guide to digital security for activists and human rights defenders throughout the world.

If you're new to digital security, the Tactics Guides cover the basic principles, including advice on how to use social networking platforms and mobile phones more safely. The Tool Guides offer step-by-step instructions to help you install and use the most essential digital security software and services.

The Community Guides focus on specific groups of people – sometimes in specific regions – who face severe digital threats. They include tailored advice on tools and tactics that are relevant to the needs of these particular groups.

Security in-a-Box is jointly developed by [Front Line Defenders](http://www.frontlinedefenders.org/) (<http://www.frontlinedefenders.org/>) and [Tactical Technology Collective](https://tacticaltech.org/) (<https://tacticaltech.org/>), along with a global network of thousands of activists, trainers and digital security experts.

TOOLS AND TACTICS FOR ACTIVISTS

TACTICS:

These tactics guides cover the basics of digital security and recommend tools you can use

(/en/guide)	(/EN/GUIDE/MALWARE)
(/en/guide)	Prevent worms, viruses and trojans
(/en/guide)	
(/en/guide)	(/en/guide)
(/EN/GUIDE)	(/en/guide)
(/EN/GUIDE)PROTECT YOUR DEVICE	(/en/guide)
FROM MALWARE AND HACKERS	(/en/guide)

(/EN/GUIDE)	(/en/guide)
(/EN/GUIDE)PROTECT YOUR	(/en/guide)
INFORMATION FROM PHYSICAL	(/EN/GUIDE)
THREATS (/EN/GUIDE/PHYSICAL)	(/EN/GUIDE)KEEP YOUR ONLINE
Ensure your workplace and devices	COMMUNICATION PRIVATE
are secure	(/EN/GUIDE/SECURE-
	COMMUNICATION)
(/en/guide)	Encrypted chat and email
(/en/guide)	
(/en/guide)	(/en/guide)
(/en/guide)	(/en/guide)
(/EN/GUIDE)	(/en/guide)
(/EN/GUIDE)CREATE AND MAINTAIN	(/en/guide)
SECURE PASSWORDS (/EN/GUIDE	(/EN/GUIDE)
/PASSWORDS)	(/EN/GUIDE)REMAIN ANONYMOUS
Learn to manage strong passwords	AND BYPASS CENSORSHIP ON THE
	INTERNET (/EN/GUIDE/ANONYMITY-
(/en/guide)	AND-CIRCUMVENTION)
(/en/guide)	Using Tor and VPNs
(/en/guide)	
(/en/guide)	(/en/guide)
(/EN/GUIDE)	(/en/guide)
(/EN/GUIDE)PROTECT THE	(/en/guide)
SENSITIVE FILES ON YOUR	(/en/guide)
COMPUTER (/EN/GUIDE/SECURE-	(/EN/GUIDE)
FILE-STORAGE)	(/EN/GUIDE)PROTECT YOURSELF
Learn to encrypt data and files	AND YOUR DATA WHEN USING
	SOCIAL NETWORKING SITES
(/en/guide)	(/EN/GUIDE/SOCIAL-NETWORKING)
(/en/guide)	Using Facebook, Twitter and Flickr
(/en/guide)	safely
(/en/guide)	
(/EN/GUIDE)	(/en/guide)
(/EN/GUIDE)RECOVER FROM	(/en/guide)
INFORMATION LOSS (/EN/GUIDE	(/en/guide)
/BACKUP)	(/en/guide)
Back up your devices and data	(/EN/GUIDE)
	(/EN/GUIDE)USE MOBILE PHONES AS
(/en/guide)	SECURELY AS POSSIBLE (/EN/GUIDE
(/en/guide)	/MOBILE-PHONES)
(/en/guide)	Staying safe when using cellphones
(/en/guide)	
(/EN/GUIDE)	(/en/guide)
(/EN/GUIDE)DESTROY SENSITIVE	(/en/guide)
INFORMATION (/EN/GUIDE	(/en/guide)
/DESTROY-SENSITIVE-	(/en/guide)
INFORMATION)	(/EN/GUIDE)
Delete data permanently	(/EN/GUIDE)USE SMARTPHONES AS
	SECURELY AS POSSIBLE (/EN/GUIDE
(/en/guide)	/SMARTPHONES)
(/en/guide)	Android and iPhone safety

INTERNET TOOLS:

Guides to web-based services and using social networks safely

<a href="#">(/en/guide)</a>	<a href="#">(/en/guide)</a>
<a href="#">(/en/guide)</a>	<a href="#">(/en/guide)</a>
<a href="#">(/en/guide)</a>	<a href="#">(/en/guide)</a>
<a href="#">(/en/guide)</a>	<a href="#">(/en/guide)</a>
<a href="#">(/EN/GUIDE)</a>	<a href="#">(/EN/GUIDE)</a>
<a href="#">(/EN/GUIDE)RISEUP - SECURE EMAIL SERVICE</a>	<a href="#">(/EN/GUIDE)SOCIAL NETWORKING PLATFORMS</a>
<a href="#">(/EN/GUIDE/RISEUP/INTERNET)</a>	<a href="#">(/EN/GUIDE/SOCIAL-NETWORKING/INTERNET)</a>
Free, safe webmail	Tips on using social networking platforms more safely

WINDOWS TOOLS:

The tool guides below give you step-by-step instructions on how to install and use key digital security software and services

<a href="#">(/en/guide)</a>	<a href="#">- NETWORK FIREWALL</a>
<a href="#">(/en/guide)</a>	<a href="#">(/EN/GUIDE/COMODO/WINDOWS)</a>
<a href="#">(/en/guide)</a>	Protect your device from intrusions
<a href="#">(/en/guide)</a>	
<a href="#">(/EN/GUIDE)</a>	<a href="#">(/en/guide)</a>
<a href="#">(/EN/GUIDE)AVAST! - ANTI-MALWARE</a>	<a href="#">(/en/guide)</a>
<a href="#">(/EN/GUIDE/AVAST/WINDOWS)</a>	<a href="#">(/en/guide)</a>
Free anti-virus software	<a href="#">(/en/guide)</a>
	<a href="#">(/EN/GUIDE)</a>
<a href="#">(/en/guide)</a>	<a href="#">(/EN/GUIDE)KEEPPASS - SECURE</a>
<a href="#">(/en/guide)</a>	<a href="#">PASSWORD MANAGER</a>
<a href="#">(/en/guide)</a>	<a href="#">(/EN/GUIDE/KEEPPASS/WINDOWS)</a>
<a href="#">(/en/guide)</a>	Create and manage strong passwords
<a href="#">(/EN/GUIDE)</a>	
<a href="#">(/EN/GUIDE)SPYBOT FOR WINDOWS - ANTI-SPYWARE</a>	<a href="#">(/en/guide)</a>
<a href="#">(/EN/GUIDE/SPYBOT/WINDOWS)</a>	<a href="#">(/en/guide)</a>
Remove malware, including spyware and adware	<a href="#">(/en/guide)</a>
	<a href="#">(/EN/GUIDE)</a>
<a href="#">(/en/guide)</a>	<a href="#">(/EN/GUIDE)TRUECRYPT FOR</a>
<a href="#">(/en/guide)</a>	<a href="#">WINDOWS - SECURE FILE STORAGE</a>
<a href="#">(/en/guide)</a>	<a href="#">(/EN/GUIDE/TRUECRYPT/WINDOWS)</a>
<a href="#">(/en/guide)</a>	Encrypt your data and drives
<a href="#">(/EN/GUIDE)</a>	<a href="#">(/en/guide)</a>
<a href="#">(/EN/GUIDE)COMODO FOR WINDOWS</a>	<a href="#">(/en/guide)</a>

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(/EN/GUIDE)	(/en/guide)
(/EN/GUIDE)COBIAN BACKUP FOR WINDOWS (/EN/GUIDE/COBIAN /WINDOWS)	(/EN/GUIDE)JITSI - SECURE INSTANT MESSAGING AND VOIP (/EN/GUIDE /JITSI/WINDOWS)
Safely archive your data and devices	Encrypted online chat
(/en/guide)	
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(/EN/GUIDE)	(/en/guide)
(/EN/GUIDE)RECUVA FOR WINDOWS - FILE RECOVERY (/EN/GUIDE/RECUVA /WINDOWS)	(/EN/GUIDE)THUNDERBIRD, ENIGMAIL AND OPENPGP FOR WINDOWS - SECURE EMAIL (/EN/GUIDE/THUNDERBIRD /WINDOWS)
Retrieve deleted data and documents	Encrypt your email
(/en/guide)	
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(/en/guide)	(/en/guide)
(/EN/GUIDE)	(/en/guide)
(/EN/GUIDE)ERASER FOR WINDOWS - SECURE FILE REMOVAL (/EN/GUIDE /ERASER/WINDOWS)	(/en/guide)
Delete data permanently	(/EN/GUIDE)GPG4USB FOR WINDOWS - EMAIL AND FILE ENCRYPTION (/EN/GUIDE/GPG4USB /WINDOWS)
(/en/guide)	Portable encryption on any device
(/en/guide)	
(/en/guide)	
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(/EN/GUIDE)	(/en/guide)
(/EN/GUIDE)CCLEANER FOR WINDOWS - SECURE FILE DELETION AND SESSION CLEANUP (/EN/GUIDE /CCLEANER/WINDOWS)	(/en/guide)
Delete data permanently	(/EN/GUIDE)
(/en/guide)	(/EN/GUIDE)FIREFOX AND SECURITY ADD-ONS FOR WINDOWS - SECURE WEB BROWSER (/EN/GUIDE/FIREFOX /WINDOWS)
(/en/guide)	Make your browser safe
(/en/guide)	
(/EN/GUIDE)	(/en/guide)
(/EN/GUIDE)PIDGIN WITH OTR FOR WINDOWS - SECURE INSTANT MESSAGING (/EN/GUIDE/PIDGIN /WINDOWS)	(/en/guide)
Encrypted online chat	(/EN/GUIDE)
(/en/guide)	(/EN/GUIDE)TORBROWSER FOR WINDOWS - DIGITAL ANONYMITY AND CIRCUMVENTION (/EN/GUIDE

/TORBROWSER/WINDOWS)  
Bypass censorship and stay

anonymous online

ANDROID TOOLS:

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Guides for setting up Android phones and using smartphone security apps

(/en/guide)	(/en/guide)
(/en/guide)	(/en/guide)
(/en/guide)	(/EN/GUIDE)
(/en/guide)	(/EN/GUIDE)OBSCURACAM FOR
(/EN/GUIDE)	ANDROID (/EN/GUIDE/OBSCURACAM
(/EN/GUIDE)BASIC ANDROID	/ANDROID)
SECURITY SETUP GUIDE (/EN/GUIDE	Blur or delete faces from photos
/BASIC-SETUP/ANDROID)	
Basic setup guide for Android devices	(/en/guide)
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(/en/guide)	(/en/guide)
(/en/guide)	(/EN/GUIDE)
(/en/guide)	(/EN/GUIDE)ORBOT FOR ANDROID
(/EN/GUIDE)	(/EN/GUIDE/ORBOT/ANDROID)
(/EN/GUIDE)ANDROID PRIVACY	Tor for smartphones
GUARD (APG) FOR ANDROID	
DEVICES (/EN/GUIDE/APG/ANDROID)	(/en/guide)
Encrpyt files on your smartphone	(/en/guide)
	(/en/guide)
(/en/guide)	(/en/guide)
(/en/guide)	(/EN/GUIDE)
(/en/guide)	(/EN/GUIDE)ORWEB FOR ANDROID
(/en/guide)	(/EN/GUIDE/ORWEB/ANDROID)
(/EN/GUIDE)	Browse the web anonymously
(/EN/GUIDE)K9 WITH APG FOR	
ANDROID (/EN/GUIDE/K9/ANDROID)	(/en/guide)
Smartphone email client	(/en/guide)
	(/en/guide)
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(/en/guide)	(/EN/GUIDE)
(/en/guide)	(/EN/GUIDE)TEXTSECURE FOR
(/en/guide)	ANDROID (/EN/GUIDE/TEXTSECURE
(/EN/GUIDE)	/ANDROID)
(/EN/GUIDE)KEEPPASSDROID FOR	Encrypted text messaging
ANDROID (/EN/GUIDE	
/KEEPPASSDROID/ANDROID)	(/en/guide)
Smartphone password manager	(/en/guide)
	(/en/guide)
(/en/guide)	(/en/guide)
(/en/guide)	(/EN/GUIDE)

(/EN/GUIDE)REDPHONE (/EN/GUIDE Safe VoIP  
/REDPHONE/ANDROID)

## MOST POPULAR

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[Protect yourself from malware and hackers  
\(guide/malware\)](#)

[Stay safe on social networks \(guide/social-  
networking\)](#)

[Pidgin – secure instant messaging  
\(guide/pidgin/windows\)](#)

[Thunderbird and OpenPGP – secure email  
\(guide/thunderbird/windows\)](#)

[TorBrowser – anonymity and circumvention  
\(guide/torbrowser/windows\)](#)

## RECENT POSTS

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[TrueCrypt's Security Flaws: What Now?  
\(/en/blog/08-10-2015/truecrypts-security-  
flaws-what-now\)](#)

By Maria Xynou

... [READ MORE \(/EN/BLOG/08-10-2015  
/TRUECRYPTS-SECURITY-FLAWS-  
WHAT-NOW\)](#)

[Workbook on Security: Practical Steps for  
Human Rights Defenders at Risk \(/en/blog  
/13-03-2015/workbook-security-practical-  
steps-human-rights-defenders-risk\)](#)

By Front Line Defenders

... [READ MORE \(/EN/BLOG/13-03-2015  
/WORKBOOK-SECURITY-PRACTICAL-STEPS-  
HUMAN-RIGHTS-DEFENDERS-RISK\)](#)

[For LGBT Ugandans, physical security  
threats often translate into digital threats  
and vice versa \(/en/blog/13-03-2015/lgbt-  
ugandans-physical-security-threats-often-  
translate-digital-threats-and-vice\)](#)

By Spyros E. Monastiriotis

... READ MORE (/EN/BLOG/13-03-2015  
/LGBT-UGANDANS-PHYSICAL-SECURITY-  
THREATS-OFTEN-TRANSLATE-DIGITAL-  
THREATS-AND-VICE)

[Does encryption still work? \(/en/blog  
/11-03-2015/does-encryption-still-work\)](/en/blog/11-03-2015/does-encryption-still-work)

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\(/en/blog/22-02-2015/observations-recent-  
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By Kaustubh Srikanth

... READ MORE (/EN/BLOG/22-02-2015  
/OBSERVATIONS-RECENT-INDIA-  
CENSORSHIP)

## DIGITAL SECURITY AND PRIVACY FOR HUMAN RIGHTS DEFENDERS

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This book is an introduction to the ever growing and complex world of electronic security. Not only will it raise your level of knowledge and awareness about computers and the Internet, it will also warn you of different risks you may face in the digital environment and will tell you how to deal with them.

[Download the guide in English, Spanish and Vietnamese  
\(http://www.frontlinedefenders.org  
/esecman/\)](http://www.frontlinedefenders.org/esecman/)

## ME AND MY SHADOW

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When we use our laptops and mobile phones we leave digital traces; we might browse the Internet, access news websites, rant on Twitter, post photos on Facebook, comment under YouTube videos, publish blog posts, receive phone calls or send SMS messages.

Find out more about your digital shadow and the steps you can take to reduce its size.

[Explore your digital shadow](https://myshadow.org)  
(<https://myshadow.org>)

## SECURITY IN-A-BOX FOR LGBT

### ACTIVISTS IN SUB-SAHARAN AFRICA

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The LGBT community in Africa faces severe threats of online harassment, digital surveillance and criminalisation. Our guide for LGBT activists covers digital threat assessment, using internet cafes and dating websites safely, as well as the core Security in-a-Box Tools and Tactics Guides.

[Read our guide for LGBT activists in Sub-Saharan Africa \(lgbti-africa\)](#)

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tools and tactics for digital security



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