

PRIVACY IS NOT DEAD

SOME EASY WAYS TO PROTECT AND EMPOWER YOURSELF

SLIDES BY JOHN SHUTT

SOME BACKGROUND ABOUT ME

INVESTIGATIVE JOURNALIST, ACTIVIST, CODER

Co-founded BayLeaks, a local investigative journalism group, in 2014.
We use encryption and privacy tools extensively, including SecureDrop.

<https://bayleaks.com>



3 Former Fundraisers for Mayor Ed Lee Charged With Bribery, Money Laundering



By John Shutt and Rebecca Bowe
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JUST DO ALL OF THESE THINGS TO START

I'LL POST THE SLIDES ONLINE LATER

- Install Signal: Encrypted Text Messaging, Chat, and Voice Calls (iOS, Android, Chrome desktop app coming soon!) <https://whispersystems.org/blog/signal/>
- Get full disk encryption for your phone and computer — Google how to do this, it's not hard.
- Install Tor Browser in your computer for more anonymous web browsing. <https://www.torproject.org/projects/torbrowser.html.en>
- Install Privacy Badger on Firefox and Chrome. <https://www.eff.org/privacybadger>
- Use a password manager like KeePass or LastPass. <http://keepass.info/> <https://lastpass.com/>
- Clear cookies, history, offline data, and other junk when you close your browser.
- Use two-factor authentication. Google, Twitter, and other major providers offer it.
- Use a VPN service on public WiFi — here are some examples, shop around. <http://www.pcmag.com/article2/0,2817,2403388,00.asp>

GIVE MONEY TO CYPHERPUNKS

WE NEED YOUR CASH AND BITCOINS AND DONATIONS ARE
TAX-DEDUCTIBLE FOR ALL THE GROUPS BELOW

- Donate to the EFF. <https://supporters.eff.org/donate>
- And the Freedom of the Press Foundation. <https://freedom.press/donate>
- Tor needs money. <https://www.torproject.org/donate/donate.html.en>
- Noisebridge, too. <https://donate.noisebridge.net/>
- Most of these groups will send you stickers to put on your laptop so you can feel like Edward Snowden.

THESE STICKERS COULD BE YOURS!



THE INTERNET IN CHINA SURE IS BULLSHIT, HUH

BUT THERE ARE WAYS AROUND THAT

- First, a warning: If you're a political activist, using encryption tools in China may or may not put you in the secret police crosshairs. Do your own research. Stay safe. This guide is geared towards business people and ordinary tourists, and your mileage may vary.
- China's Internet censors tend to block paid VPN services when they find them, BUT it's easy to host your own VPN on Amazon Web Services, Linode, and other hosts.
- China hasn't found a way of blocking AWS without breaking a great deal of the Internet.

STREISAND TO THE RESCUE

NO MORE TEARS (ENOUGH IS ENOUGH)

- "Streisand sets up a new server running L2TP/IPsec, OpenSSH, OpenVPN, Shadowsocks, sslh, Stunnel, and a Tor bridge. It also generates custom configuration instructions for all of these services. At the end of the run you are given an HTML file with instructions that can be shared with friends, family members, and fellow activists."
- <https://github.com/jlund/streisand>
- Friends of mine have tested this in the wild (Beijing, etc.). Set this up before you get to China, obviously. Extra points: Consider using a burner laptop when in China.

PERFECT SECURITY IS NOT POSSIBLE

BUT YOU DON'T NEED PERFECT SECURITY – YOUR
ADVERSARIES DO NOT HAVE INFINITE RESOURCES

- Think about who may be after your data, how they could get it, and how damaging it would be if they did. Use a level of caution appropriate to your situation.
- Watch for updates the EFF Surveillance Self-Defense Guide.
<https://ssd.eff.org/>
- Groups that are *definitely* trying to get you, personally, right now: Intelligence agencies trying to read your mail, organized crime groups trying to steal your money.
- Using the tools from this presentation make things much harder for thieves and spies with minimal effort on your part.

COOL, THE END, THANKS FOR LISTENING
LET'S HAVE SOME QUESTIONS?