



## 5 Cyber Stocking Stuffers!

Just a few apps to get you and your community a bit more cyber-secure for the new year

# Crypto Caveat

- Nothing is 100%
- “Feeling too secure makes me feel insecure”
  - “Never write if you can speak; never speak if you can nod; never nod if you can wink never put it in email” - Eliot Snitzer
- Expiration Date: 06/2018



# Stocking Stuffer #1: Password Manager

- **Better Passwords, All in One Place**

- **Pros**

- You only have to remember one password
- Programs can make complex Passwords for you
- Better Passwords, harder it is to get hacked!

- **Things to keep in Mind**

- Depending on program, can be hard to remember to update passwords
- Have to be very careful with your master password

- **Recommendations (PrivactTools.io)**

- KeePass/KeePassX
- Master Password
- Less Pass



**KeePass**

# Stocking Stuffer #2: 2FA

- **Two Factor Authentication**
- **Creates Second-Level of Protection for your accounts!**
- **Methods of 2FA**
  - SMS
  - Phone Call
  - Email
  - Hardware Token (YubiKey)
  - Software Token (Authy, Free OTP)
- **2FA Resource**
  - [TwoFactorAuth.org](https://TwoFactorAuth.org)



# Stocking Stuffer #3: Browser Extensions

- Apps developed to make your browsing experience a bit safer

- **EFF Suite (Firefox/Chrome)**



- **HTTPS Everywhere**

- Forces website to connect to more Secure (httpS) version of website
    - Man in The Middle (Snooping)
    - Transparent Straw vs. Opaque Straw
    - Does NOT anonymize your browsing experience, just some of the info you upload

- **Privacy Badger**

- Stops cross-site Tracking (Green, Yellow, Red System)
    - Is NOT an Ad Blocker



Privacy Badger

# Stocking Stuffer #4: SIGGNAALLLLLLL

- **End-to-End Encrypted Texting App**
  - Generates a private key between you and
  - recipient
- **Only collects when you installed app and the**
- **day you accessed service**
- **Texting is Open Source**
- **Available for iOS/Android**
  - Can access on desktop
- **Things to look out for**
  - Voice feature is not Open Source
  - Not so secure you can write about EVERYTHING
  - Only as secure as your phone/computer password



# Stocking Stuffer #5: Data Detox

- **8 Day, Day-by-Day Crypto Guide**

- <https://datadetox.myshadow.org/detox>

- **Developed by Tactical Tech and Mozilla**

- **Covers**

- Searching
  - Using Google
  - Social Media
  - Safe Browsing
  - Mobile
  - Phone Apps
  - Online Ads and You
  - Making A Plan

- **Honorable Mention: Crypto Christmas**



# Recap

- **Stocking Stuffer #1: Password Manager**

- KeePass, Master Password, LessPass

- **Stocking Stuffer #2: 2FA**

- TwoFactorAuth.org

- **Stocking Stuffer #3: Extensions**

- HTTPS Everywhere
- Privacy Badger

- **Stocking Stuffer #4: Signal**

- **Stocking Stuffer #5: Data Detox**

- <https://datadetox.myshadow.org/detox>

