

# **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%
  - "Never write if you can speak; never speak if you can nod; never nod if you can wink never put it in email" - Eliot Spitzer
- Expiration Date: 01/2020



## **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



## **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



### **Stocking Stuffer #3: Browser Extentions**

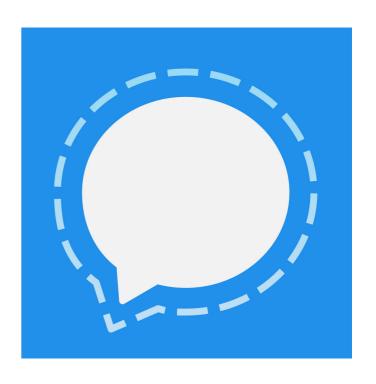
- Apps developed to make your browsing experience a bit safer
- EFF Suite (Firefox/Chrome)
  - HTTPS Everywhere
    - Forces website to connect to more Secure (httpS) version of website
    - Man in The Middle (Snooping)
    - Transparent Straw vs. Opaque Straw
    - Does NOT anonymize your browsing experience, just some of the info you upload

**Privacy Badger** 

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

## **Stocking Stuffer #4: SIGGNAALLLLLL**

- 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
  - 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: Signall**

- Stocking Stuffer #5: Data Detox
  - https://datadetox.myshadow.org/detox

