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Today's Topics

Introduction

- Importance of smartphone privacy and security
- Overview of potential risks

Commonly used tools

- Private Web Browsers
- Private Email
- Private Instant Messaging
- Password Manager
- Virtual Private Networks (VPNs)

Where to find good tools

- Privacy Tools Website
 - https://privacytools.io

Installation and use

- Brave Browser
- Proton Mail
- Signal Messenger
- Bitwarden / Proton Pass
- Proton VPN

Importance of Smartphone Privacy and Security

- Your smartphone: A treasure trove of personal information
- Privacy and security: Key to protecting your digital life



Potential Risks

- Identity theft
- Financial fraud
- Data breaches
- Unauthorized access to personal information
- Location tracking
- Everyone is a target (Yes, even you!)

Commonly Used Privacy Tools

- Private Web Browsers
- Private Email
- Private Instant Messaging
- Password Manager
- Virtual Private Networks (VPNs)

Private Web Browser - Brave Browser

Prevents invisible trackers from building a portfolio of your behavior

Private Email – Proton Mail

- Prevents invisible trackers from building a portfolio of your behavior
- End-to-end encryption
- Doesn't use email content for marketing
- Cannot or does not provide account access to third parties (both commercial and government)
- Referral link: https://pr.tn/ref/YJS1HGKJNYD0

Private Instant Messaging – Signal

- End-to-end encryption
- Cannot or does not provide account access to third parties (both commercial and government)
- Preferably has a unique identifier that is not tied to other personal information (such as phone number, email address, etc)

Password Manager – Bitwarden or Proton Pass

- Helps you create unique passwords for each app/website
- Only need to remember a single password even though you may use hundreds of sites
- Strong encryption and key management to prevent third party access
- Referral link: https://pr.tn/ref/YJS1HGKJNYD0

Virtual Private Network (VPN) – Proton VPN

- Often considered the #1 priority for internet privacy and safety, but marketing has encouraged a lot of misunderstanding about what VPNs actually do
- Referral link: https://pr.tn/ref/YJS1HGKJNYD0

Where to Find Other Good Tools

- Privacy Tools Website https://privacytools.io
- Many other good options
- My picks are based on personal preference
- Proton Suite provides a good all-in-one platform
 - Free version includes email, calendar, cloud storage, VPN, and password manager

Questions?

Q&A

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Resources

Youtube

- https://www.youtube.com/@NaomiBrockwellTV
- https://www.youtube.com/@AllThingsSecured

Blogs/News

- https://www.privacytools.io/guides/category/smartphones
- NSA's Mobile Device Best Practices

Mobile Device Best Practices from the NSA



Mobile Device Best Practices from the NSA

