MOBILE PRIVACY

https://libraryfreedomproject.org
WRITE THIS STUFF DOWN

@flexlibris
@libraryfreedom
alison@libraryfreedomproject.org

libraryfreedomproject.org/resources/mobileprivacytoolkit

https://libraryfreedomproject.org
PHONES ARE BAD

https://libraryfreedomproject.org
- Baseband/data network
- Location services
- Wifi
- Bluetooth
- App access to device
- Proprietary software
- Cameras and microphone
- Government, police, corporate surveillance
- Android vs iOS
- Android Nexus vs all other Androids

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THE MOST IMPORTANT THING

https://libraryfreedomproject.org
Settings

iOS

Settings → Touch ID & Passcode
Settings → Spotlight Search (off)
Settings → Keyboard → Predictive Text (off)
Settings → Keyboard → Enable Dictation (off)
Settings → Privacy → Location Services

• Only give access where necessary

Settings → Privacy → application data requests (review)
Settings → Privacy → Diagnostics & Usage (don't send)

Settings → Privacy → Advertising → Limit Ad Tracking

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Settings

Android

Settings → Connections → turn off all Settings → location (off)
Settings → more → Security
  • Password
  • Encrypt device
  • Device administrators
  • Unknown sources (uncheck)
  • Verify apps (check)

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Signal (for iOS or Android): safer calls and texts

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Mobile Browsers

- Default browser for Android (don't use it)
- Safari for iOS
- Chrome or Firefox for Android or iOS
- Tor Browser for mobile:
  - Orweb for Android
  - Onion Browser for iOS

https://libraryfreedomproject.org
• Onion browser for iOS (not official)
• Orbot: proxy with Tor for Android
• Orweb: Tor Browser for Android

What is Tor?
How is it different for mobile?
Invisible trackers

DELETE COOKIES?!
Safer searching

- Android: Firefox/Chrome → settings → customize search → DuckDuckGo

- iOS: Settings → choose browser → search engine → DuckDuckGo

DuckDuckGo

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Virtual private networks

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More...stuff

- Compartmentalization
- Cover cameras
- Exif and exif removal
  (ObscuraCam for Android)

High security situations
- IMSI Catchers/Stingrays and Snoopsnitch
- Faraday cages

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Extra credit

- Hardening Android
- The Guardian Project (Android)
- Fdroid: FOSS app store for Android
- Privacy Grade: more info on app permissions
- ownCloud mobile (iCloud alternative)
- Cyanogenmod (Android OS)
- Replicant (Android OS)

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SNAKE-OIL LINIMENT

RELIEVES INSTANTANEOUSLY
AND CURES
HEADACHE, NEURALGIA, TOOTHACHE, EARACHE, BACKACHE,
SWELLINGS, SPRAINS, SORE CHEST, SWELLING of the THROAT, CONTRACTED CORDS
and MUSCLES, STIFF JOINTS, WRENCHES, DISLOCATIONS, CUTS and BRUISES.
It quickly takes out the Soreness and Inflammation from Corns, Bunions, Insect and Reptile Bites.
The best External Preparation for BYCICLISTS and ATHLETES. It makes the Muscles supple
and relaxes the Cords. Losens the Joints and gives a feeling of Freshness and Vigor to the whole System.

SNAKE-OIL LINIMENT CURES ALL ACES AND PAINS.
If you are suffering from Rheumatism, ALWAYS take LA-CAS-KA internally for the Blood and
and SNAKE-OIL LINIMENT externally. When used together we GUARANTEE A CURE in every
instance or MONEY REFUNDED.

If You Are Afflicted With DEAFNESS
Get Our Specially Prepared
PURE Rattlesnake Oil