Context

Glossary

- DryBox: Our python test environment, simulating a call Initiator and Responder using the protocol through a controlled cellular network.
- Root-app: A version of the application only installable on rooted Android devices.
- AOSP-app: A version of the application imbedded in an AOSP fork, coming with an AOSP install.
- AOSP: Android Open Source Project. The bare-bone of Android maintained by google, currently Open-Source, and forked by many. GrapheneOS, LineageOS, and /e/ are examples of AOSP forks.
- Magisk module: Magisk is the reference open-source Android rooting tool, a Magisk Module is a script leveraging Magisk's root tools to install or tweak a specific app or setting with special permissions.
- Alpha 1, 2, Beta: We plan two iterations of Alpha development, leading towards a final Beta protocol and root/AOSP applications release.

Current status:

Protocol Alpha 1 => DryBox

App => 85% done

Kotlin Lib => 75% Alpha 1 done

Partnerships => Communication engaged

Remaining steps:

- Design and test Protocol Alpha 2
- Finish Alpha 1 Lib's implementation
- Implement Root-app Alpha 1
- Streamline Root-app tests
- Develop at least one AOSP fork partnership
- AOSP forks' local AOSP-app implementation
- AOSP forks' partnership AOSP-app implementation
- Magisk Root-app module self-hosted or official deployment

Plan

Our plan is defined with monthly granularity.

Every month, a recap will be published on Telegram and Reddit about the achieved goals, suprises, and feeling on next month's goal.

- September & October

    - Finish Alpha 1 lib's and Root-app implementation
    - App features & UI improvements
    - Streamlined Root-app tests

- November

    - Magisk Root-app module
    - Drybox features improvements
    - Alpha 2 theory and Drybox testing

- December

    - AOSP forks' local app implementation (AOSP-app)
    - App features & UI improvements
    - IF APPLICABLE: AOSP fork real partnership (i.e GrapheneOS, LineageOS, /e/, etc...)

- January

    - Root-app & AOSP-app Alpha 2 implementation
    - Entire code audit and Beta Release preparation
    - Enhancement from "Alpha 2" to Beta

- February

    - Website and community Beta Release preparation
    - Official Beta Release event: Root-app and AOSP-app APK Alpha APK publication