Free TON app for Ledger Nano S/X devices



GitHub: https://github.com/SolderingArmor/ledger-app-freeton

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Free TON address: 0:cba39007bdb0f025aac0609b25e96a7d2153f06d22fa47b5f6c26cf756b8b2d6

Short description: Free TON app for Ledger Nano S/X devices.

Main complaint about Ledger Nano S device from customers is not about security, it is about the number of wallet applications it can handle (due to only 160Kb of NVRAM). This problem was addressed, application has minimal amount of code and very small application footprint, it doesn't use NVRAM and always asks for user approval when performing any action (no hidden actions).

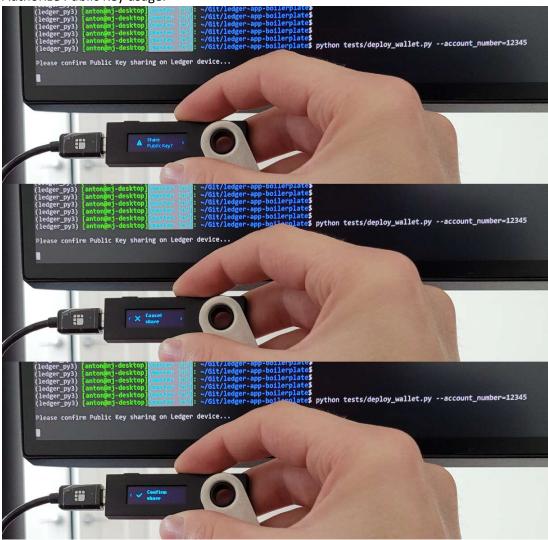
Application can deploy wallets and sign "send" transactions. Before confirmation It shows wallet address (own address for deployment and receiver address for sending Crystals) and amount of TON Crystals (for sending only) for user verification.

Workflow with images is described below.

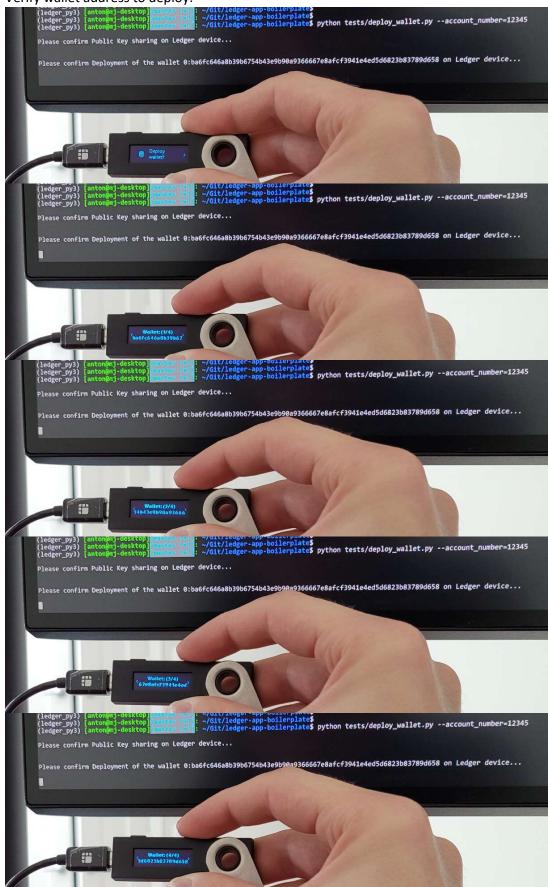
Wallet deployment.

Command: python tests/deploy_wallet.py --account_number=12345

1. Authorize Public Key usage:



2. Verify wallet address to deploy:



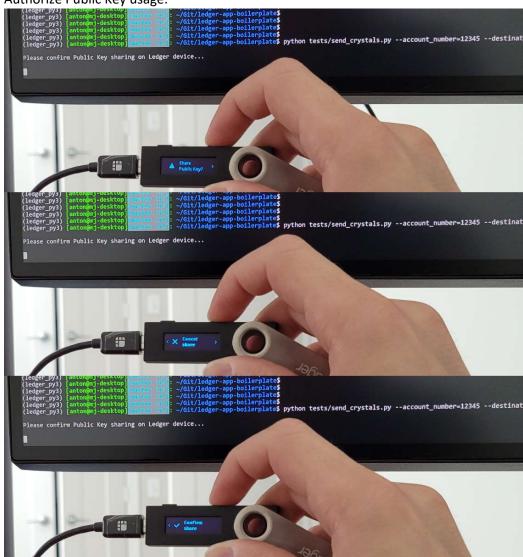
3. Approve or reject deployment:



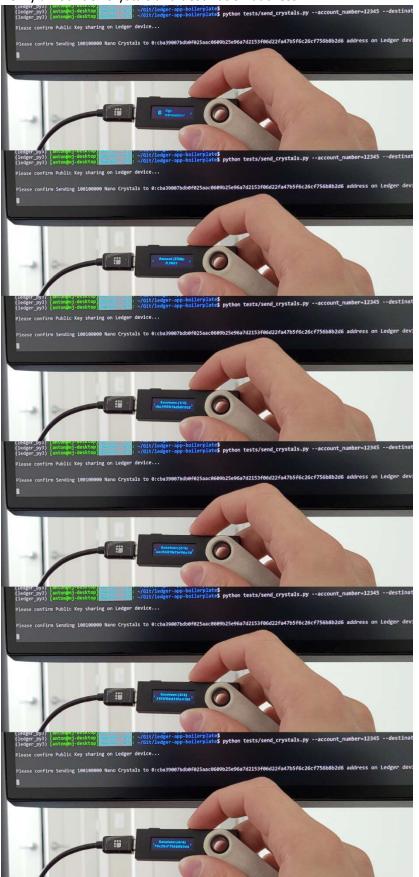
Crystal sending transaction.

Command: python tests/send_crystals.py --account_number=12345 -
destination=0:cba39007bdb0f025aac0609b25e96a7d2153f06d22fa47b5f6c26cf756b8b2d6 --amount=100000001

1. Authorize Public Key usage:



2. Verify amount of Crystals and destination address:



3. Approve or reject transaction:

