Writing Smart Contracts
Assignment 14: Security

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IMPORTANT:

- Most assignments are handed in via the blockchain.

- Read the instructions carefully and use the appropriate accounts.

- Be careful to choose the required network: Testnet or Mainnet.

- Tip: verify your transactions on Algoexplorer.

Compulsory Exercises

Exercise 1. Research the internet and list three different products for cold storage of you recovery phrase.

Exercise 2. Using the material available in class, create your own cryptosteel-like cold storage.

Exercise 3. Research the internet, especially Github, and try to find private keys, API-keys or recovery phareses that are (accidentally) available openly. Contact the owner to warn them. Document your efforts with screenshots and/or PDF printouts of emails. *Hint:* first think of ways how to search for the above-mentioned types of credentials.

Exercise 4. Create a honeypot in the form of a wallet with 5-10 ALGOs. "Accidently" post the recovery phrase on your public github. Wait and watch.