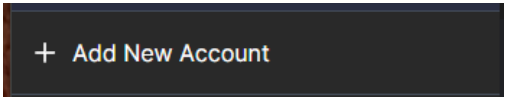


# Cairo Crash Course

## Starknet Foundry Exercise 3

### Part 1 - Importing Braavos Account into Starknet Foundry

1. Create an account on Sepolia testnet in Braavos wallet

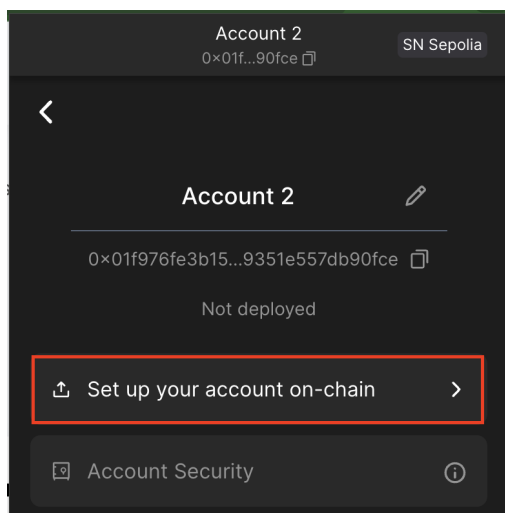
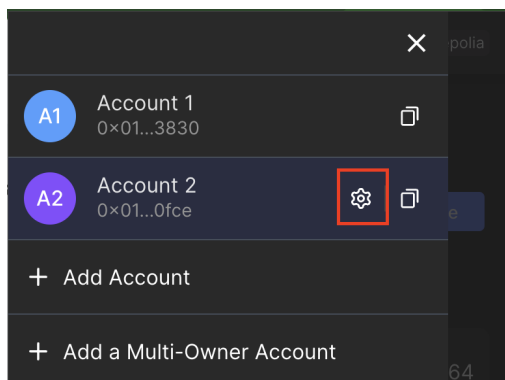
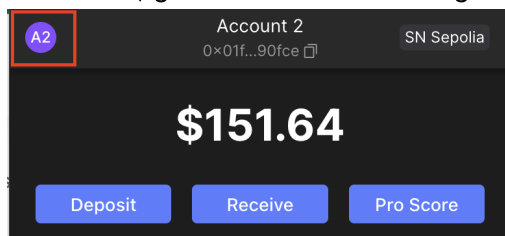


+ Add New Account

2. Prefund with ETH, here are some faucet options:

- [Starknet Faucet](#)
- [Blast API Faucet](#)
- [Alchemy - Faucet](#)

3. In Braavos, go to the account settings and click "Set up your account on-chain"



4. Export the private key, public key, and address.

5. To add the Braavos account to sncast run:

```
sncast --url "https://starknet-sepolia.public.blastapi.io/rpc/v0_6" \  
  account add \  
  --name <chosen_account_name> \  
  --address <account_address> \  
  --private-key <account_private_key> \  
  --public-key <account_public_key> \  
  --add-profile <chosen_account_name> \
```

For more details: [Starknet Foundry: Importing an Account](#).

[Starknet Foundry: account add](#).

After adding the account a new `snfoundry.toml` file should be created in the project root folder, as well as `starknet_open_zeppelin_accounts.json` file should be created in your `~/.starknet_accounts/` folder.

6. Add the new profile to the `Scarb.toml` file, follow the instructions [here](#).

## Part 2 - Deploying and interacting with a contract

**For the following assignments, write the command that you used for each one**

1. Using the imported account, declare a class of contract `ValueContract`, which is implemented in the file `starknet_foundry_1/value_contract.cairo` (from the previous exercise).

2. Deploy a contract with the new class hash

3. Set a value to 5 by calling the `add_value()` function

4. Read a value and check that the invoking of the function worked.

Great! You successfully deployed your first contract, and interacted with it! 😊

## Useful Links

[Foundry Book: Dive into sncast](#)