

1. initialiseWallet

enc_secret_key



$e_{pwd}(sk)$

encrypt



pwd

decrypt

2. genKeys



GenPrivateKey
rdm_seed

secret_key



sk

public_key



pk

GenPublicKey

hashAddr

address



α

state_trans_info



createTx



tx

hashTx



tx_hash

signature



σ

3. signTxn

4. broadcastTxn

tx_reverted



false
0



1
true



state_updated