

1. initialiseWallet

enc_secret_key

encrypt

password

decrypt

address

hashAddr

2. genKeys

genPrivateKey

rdm_seed

secret_key

genPublicKey

public_key

state_trans_info

$N = 0$

createTxnObject

$N = N + 1$ $\{N, \alpha, G, D\}$



hashTxn

txn

txn_hash

signature

3. createTxn

4. signTxn

5. broadcastTxn

tx reverted

FALSE

verify

TRUE

txn added