

# How to recover funds

## From your change addresses IF you have the wallet.dat backup

Works for Bitcoin-like UTXO QT wallets only.

### Basic setup

1. Old wallet.dat from 1<sup>st</sup> Jan 2025 (let's call this wallet A)
2. SAME wallet.dat after some time gets partly corrupted, say on 1<sup>st</sup> Feb 2025 (let's call this wallet B)

Now while the original keys that were present on 1<sup>st</sup> Jan will work just fine (because it was backed up in wallet A), CHANGE addresses generated between 1<sup>st</sup> Jan and 1<sup>st</sup> Feb won't exist in the wallet A.

And it doesn't exist in wallet B because that is corrupted.

But **yes**, if the wallet B is **the same wallet.dat** (including the same master seed or HD chain), and the original address was **derived** (HD), then

You **can recover the private key** for a known Public Key **as long as** it's within the HD key range and derivation path.

Remember you **MUST** have the public keys available to you (you can find this in the explorer, yes it's tedious but if you need to recover your \$\$\$ then chop chop!).

### Process

1. From the explorer, make a FULL LIST of your probably change addresses
  - a. If you miss this point nothing else will work. This is critical.
2. Restore wallet A on a fresh PC, fresh installation
3. Run "RESCAN". For bitcoin on windows this is "bitcoin-qt -rescan" please check what it is for your coin
4. In the Console use this command with EACH of your change addresses

```
importaddress <address> "" false
```

5. The "false" is IMPORTANT otherwise it'll take lifetimes to finish the process
6. After you are 100% sure you have done your BEST in adding all the change addresses run

```
keypoolrefill 1000
```

7. This will generate 1000 fresh private keys, USING THE SAME MASTER SEED / HD KEY. If you missed out any part of the process
8. YOU CAN ONLY DO THIS ONCE, If you do it a second time the result can change.
9. Finally, exit the wallet and do the RESCAN again like in point #3.

Hopefully after this rescan your wallet will have it's full balance.

If this didn't work, you may try other recovery processes but it is less likely to be successful; but I wish you the best.

If this helped you, then you're clear on the skills of the team managing NestEx. Feel free to join us and use our platform, and spread this document to more people who need it.