Beacon Masternode Setup Guide

Building Your Beacon Master Node

Preparation

1. Get a VPS from a provider like DigitalOcean, Vultr, Linode, etc.
   - Recommended VPS size at least 1gb RAM
   - **It must be Ubuntu 16.04**
2. Make sure you have a transaction of exactly 10,000 BECN in your desktop cold wallet.
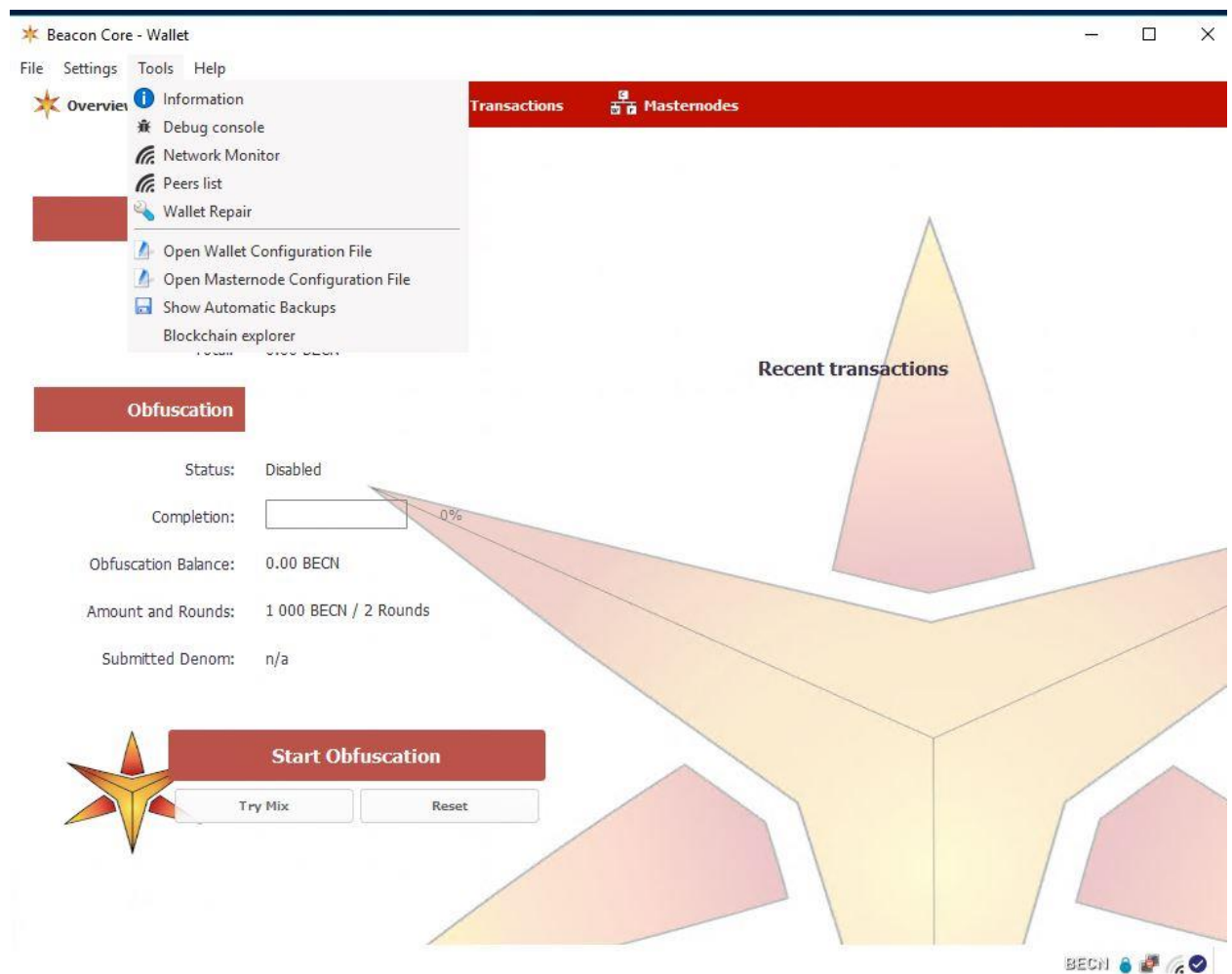
Cold Wallet Setup Part 1

1. Open your wallet on your desktop.

   Click Settings -> Options -> Wallet

   Check "Enable coin control features"

Check "Show Masternodes Tab"

Press Ok (you will need to restart the wallet)

2. Go to the "Tools" -> "Debug console"

3. Run the following command: `masternode genkey`

4. You should see a long key that looks like:

```
3HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64xiqgX37tGBDQL8Xg
```

5. This is your `private key`, keep it safe, do not share with anyone.

VPS Setup

1. Log into your VPS
   - Windows users [follow this guide](#) to log into your VPS.

```
wget https://raw.githubusercontent.com/beaconcrypto/beacon-mn-
setup/master/beacon_mn.sh && bash beacon_mn.sh
beacond &
```

3.Use `watch beacon-cli getinfo` to check and wait til it's synced

Cold Wallet Setup Part 2

1. On your local machine open your `masternode.conf` file. Depending on your operating system you will find it in:
   - Windows: `%APPDATA%\beacon\`
   - Mac OS: `~/Library/Application Support/beacon/`
   - Unix/Linux: `~/.beacon/`

   Leave the file open

2. Go to "Tools" -> "Debug console"

3. Run the following command: `masternode outputs`

4. You should see output like the following if you have a transaction with exactly 10,000 BECN:

```
{
    "12345678xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx": "0"
}
```

5. The value on the left is your `txid` and the right is the `vout`
6. Add a line to the bottom of the already opened `masternode.conf` file using the IP of your VPS (with port 11115), `private key`, `txid` and `vout`:

```
mn1 1.2.3.4:11115 3xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
12345678xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx 0
```

7. Save the file, exit your wallet and reopen your wallet.
8. Go to the "Masternodes" tab
9. Click "Start All"