

beacon

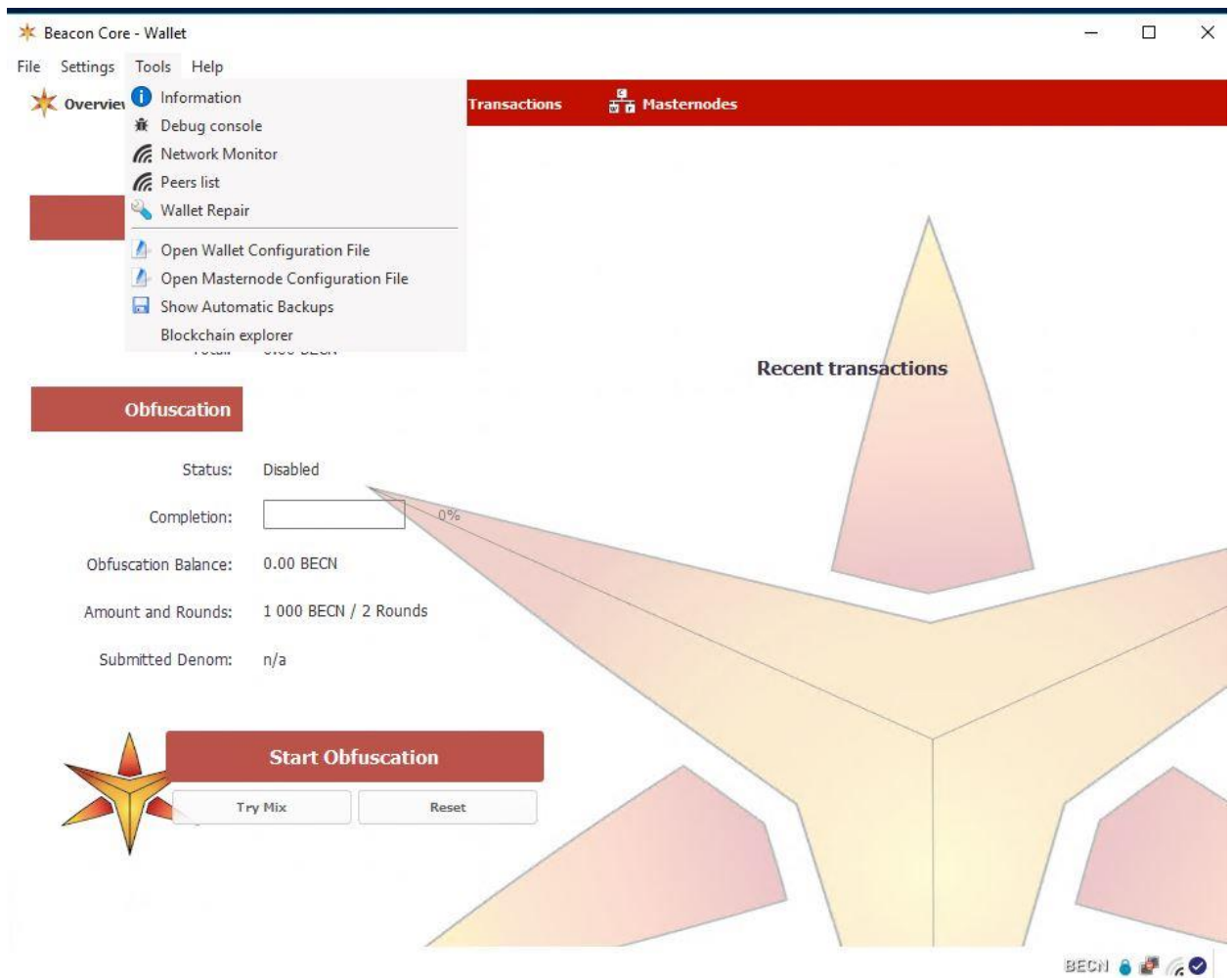
Building Your beacon Master Node

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:

```
{
  "12345678xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx": "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 3xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
12345678xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx 0
```

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