Methuselah Masternode Setup


1. Download putty here: https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html

2. Setup a VPS with Hiformance (only $0.83 a month): https://my.hiformance.com/aff.php?aff=632

3. Setup a VPS on Ubuntu 16.04. Log into the VPS using putty.

4. Now on the local wallet, send exactly 9600 SAP (Tx fee will be added on top automatically) to a new address. You must send it in one single transaction and then wait for 15 confirmations to continue.

5. Under Settings >> Options >> Wallet tab, enable coin control features. This allows you to see your inputs under the Send tab.
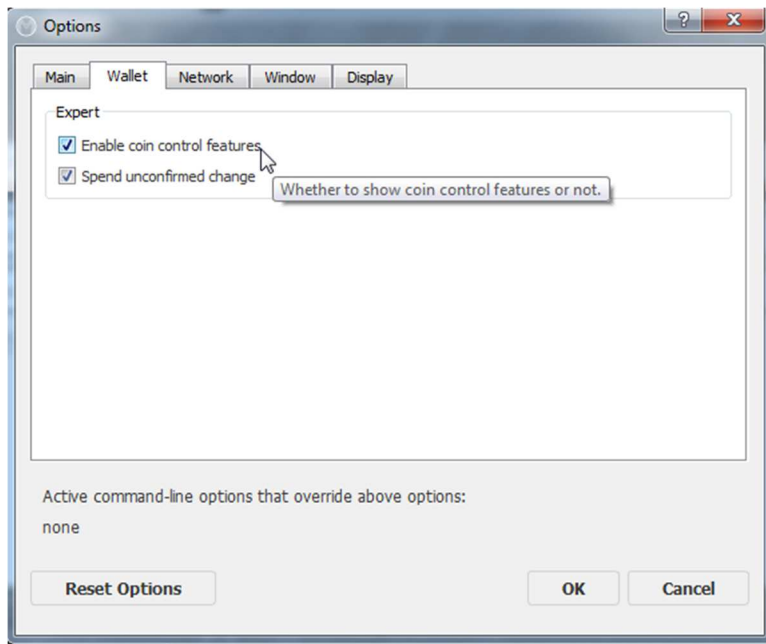
6. Open debug console and type "masternode genkey" to get the private key.

7. Type "masternode outputs" to get the list of inputs that work, should match masternode tx, you need the number at the very end as well.

8. If none are listed you might need to unlock the input, with coin control features enabled go to the send tab in wallet, click inputs, right click locked tx and unlock. Typing "lockunspent true" in the console is also effective.

9. Edit **masternode.conf** file within your methuselah directory (add if needed)

    \<masternode_alias\> \<ip_address_and_port\> \<masternode_key\> \<transaction_id\> \<transaction_output\>
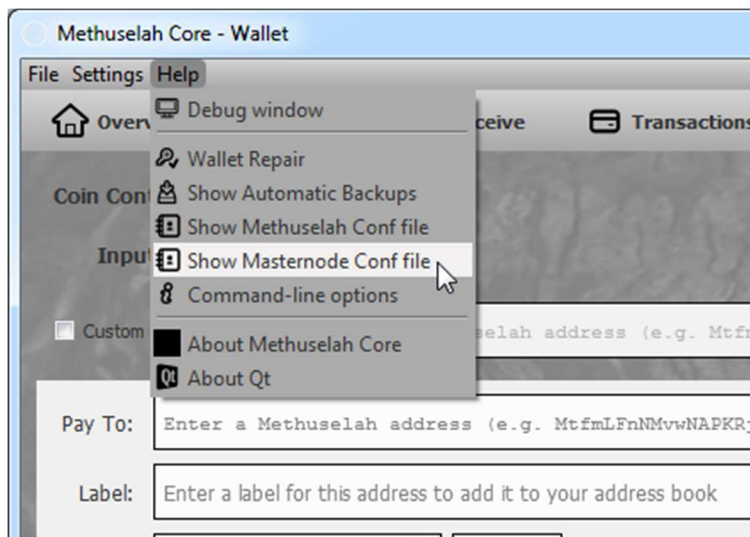
    Example:
    mn1 45.77.158.182:7555
    92YQFVwhDgNTqJjYGfFbNHqvhduz4FPUTBv7ofyzAfW89k3ZFwG
    6d4dc744e16f66cbdfe67fc273fa0ac508c2b91dfffddc74aac86f3b0e7b76c5 0

    (all one line)

10. Next step is to setup config on vps for masternode, the **methuselah.conf** file. Enter these commands line by line:

Note for the following wget line, make sure the dash between methuselah-coin pastes and is present

wget https://github.com/methuselah-coin/methuselah/releases/download/v1.0.1.0/methuselah-1.0.1.0-linux.tar.gz

mkdir ~/bin

tar -zxvf methuselah-1.0.1.0-linux.tar.gz -C ~/bin

chmod +x ~/bin/*

source ~/.profile

mkdir ~/.methuselah

vi ~/.methuselah/methuselah.conf

11. With the methuselah.conf open, enter

```
rpcallowip=127.0.0.1
rpcuser=somereallylongcoolusernamelikejooky
rpcpassword=apasswordyouwillneverremember
server=1
daemon=1
listen=1
maxconnections=256
masternode=1
masternodeprivkey=<your_private_key_generated_in_step_5>
externalip=<external_ip_of_your_remote_node>:7555
promode=1
```

12. Hit (escape) then (:) and type "wq", hit enter. Then:

```
cd ~
cd bin
./methuselahd
```

This should start the client. Then do

```
./methuselah-cli getinfo
```

13. Wait a few moments and connects should be found and blockchain will begin to sync. Wait until the node is synced to latest block height (Explorer: https://explorer.methuselahcoin.io/#/)

14. For status type "./methuselah-cli masternode debug"

15. Restart your local wallet so it reads **masternode**.conf on start, verify masternode tab has it shown or click START MISSING

16. **If node fails to start**, Go to Settings >> Options >> Wallet tab, and enable coin controls. Now go to the Send Tab and select Inputs. Unlock your Masternode amount by right clicking on the locked amount and selecting Unlock Unspent.
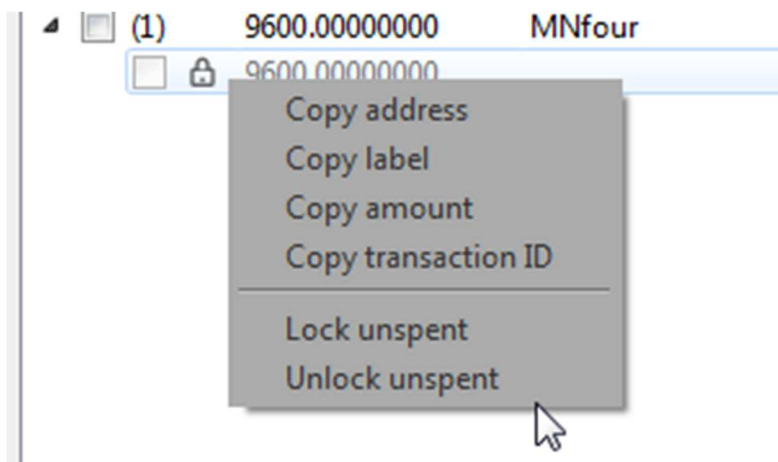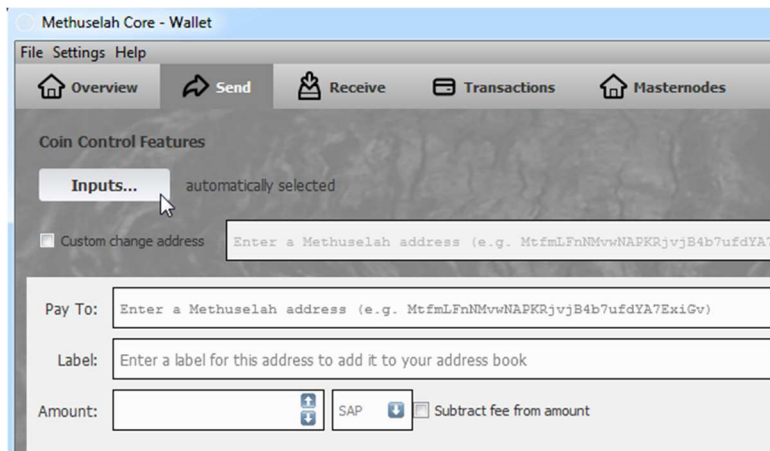
17. Always try: `lockunspent true` in the console.
18. Return to the Masternode tab and select START MISSING.
19. Ensure you have 15 confirmations and the VPS is synched to the proper height.
20. If node will still not start, please contact a Team member and we will be happy to assist.