01

MasterNode
Setup Guide

1. Now we will use the coins we have to ll the control wallet and generate the genkey we need.
   Go to the **Receive** tab, enter MN as label and click on request payment.
   Copy the address.

2. Go to the **Send** tab, the address you copied, MN as label and 1001 ZOC.
   Click **Send**.

3. Open notepad and save a temporary mn_settings.txt file we are going to use for storing the data we will need to configure our masternode.

4. Go to the debug console and execute the commands:

   masternode genkey
   masternode outputs

5. Copy the private key and outputs in mn_settings.txt

   Important! Don't copy paste everything and format your data into t mn_settings.txt file like this:
   <IP:10000> <masternode genkey> <masternode output>

6. For example, your mn_settings.txt file should look like this:

MN 82.223.18.239:12455
7eKhRiLcX4X0P6Cu7UV4UBZWGL8S74YYTfeY3CYB3aeYTmmzvd
27b15dc71069367751d7c1d99488a5ab29fec1106db970d9bb6b6ee7b3ec958e 1

7. Go to C:\Users\your_username\appdata\Roaming\ ZeroOne Core and open masternode.conf. This le is telling our control wallet how to communicate with our masternode. Copy the content of mn_settings.txt into this configuration file. Then save it and close it.

8. Now we have all the data needed from our control wallet, we need to configure our masternode. First, we will create a hidden .zeroonecore folder and a zeroone.conf file on our VPS. We will need the private key we copied earlier in mn_settings.txt and masternode.conf:

```
cd/root
mkdir ../root/ .zeroonecore
nano /root/ .zeroonecore/zeroone.conf
```

9. Simply copy and paste these, changing the appropriate elds then exit nano:

```
rpcuser=YOUR_LONG_AND_RANDOM_USERNAME
rpcpassword=YOUR_VERY_LONG_AND_RANDOM_PASSWORD
rpcallowip=127.0.0.1
listen=1
server=1
```

```
daemon=1
logtimestamps=1
maxconnections=256
masternode=1
externalip=YOUR_UNIQUE_VPS_IP_ADDRESS
masternodeprivkey=8sjf73hgfjw93_example
```

10. To add more nodes, just edit the zeroonec.conf file.

11. Now we will create our control wallet zeroone.conf for allowing it to talk with our masternode. Go to %appdata%/roaming/ZeroOneCore and create a zeroone.conf file. Edit it like this with notepad:

```
rpcuser=YOUR_LONG_AND_RANDOM_USERNAME
rpcpassword=YOUR_VERY_LONG_AND_RANDOM_PASSWORD
rpcallowip=127.0.0.1
```

12. To add more nodes, just edit the zeroonec.conf file.

13. Close control wallet then reopen it. Go to the Masternode tab and click Start all to start our masternode

To get your default unlabelled wallet address just execute ./zeroone-cli getaccountaddress «»
To get a labelled wallet address just execute ./zeroone-cli getaccountaddress <label>
To see the list of addresses and their balances just execute ./zeroone-cli listaccounts
To send ZOC to another wallet just execute ./zeroone-cli sendtoaddress <address> <amount of ZOC>
To stop the wallet just execute ./zeroone-cli stop

Notes: If your masternode isn't reachable, you might need to open your 10000 port on your VPS. Execute the following commands:
iptables-t nat-I OUTPUT-d <your_vps_ip>-p tcp--dport 10000-j REDIRECT--to-ports 10000
cd..
/etc/init.d/iptables restart
and/or start your masternode through the terminal on your VPS with: masternode start-alias <alias name>

14. text