

Crowdcoin Masternode Setup Guide on UBUNTU VPS Server

We need at least 1GHz and 500MB of Ram

Before anything set up initial server using this guide [here](#)

List of things that are essential:

1. 1000CRC (+1 CRC to cover any TX fees)
2. IP address
3. VPS server

Now we are Ready to Install the Node

Step 1: Install the dependancies

```
sudo apt-get install libzmq3-dev libminiupnpc-dev libssl-dev libevent-dev -y
```

```
sudo apt-get install build-essential libtool autotools-dev automake pkg-config -y
```

```
sudo apt-get install libssl-dev libevent-dev bsdmainutils software-properties-common -y
```

```
sudo apt-get install libboost-all-dev -y
```

Berkley 4.8:

```
sudo add-apt-repository ppa:bitcoin/
```

```
bitcoin sudo apt-get update
```

```
sudo apt-get install libdb4.8-dev libdb4.8++-dev wget -y
```

Step 2: download the wallet and extract from the archive

```
wget https://github.com/crowdcoinChain/Crowdcoin/releases/download/1.0.0/Crowdcoin\_command\_line\_binaries\_linux\_1.0.tar.gz
```

```
tar -xf Crowdcoin_command_line_binaries_linux_1.0.tar.gz
```

```
cd Crowdcoin_command_line_binaries_linux_1.0
```

Step 3: Start Headless Client

```
./crowdcoind -daemon
```

```
watch ./crowdcoin-cli info
```

This command allow you to see the progression of the sync, once no more blocks are added the wallet is in sync

Step 4: Open a note and keep it open so that you can save for later account adress and genkey

RUN

```
./crowdcoin-cli getaccountaddress 0
```

this address is the one you have to send to the exact amount of 1000 CRC

```
./crowdcoin-cli masternode genkey
```

this is the adress we need later to steup the crowdcoin.conf

Step 5: Send 1000CRC to the address generated in the previous step

Step 6: Prepare the masternode conf file

```
./crowdcoin-cli masternode outputs
```

save the two parameters the first is the trasaction id and the second the txcount copy those in your opened note. Run:

```
./crowdcoin-cli stop
```

Step 7: Set Configuration

now go in you \$HOME directory eg. /home/name_of_the_user/

```
cd .crowdcoincore
vi crowdcoin.conf
```

press **i** to get the permission to insert data
now copy and paste those settings into your .conf file

```
rpcuser=user
rpcpassword=pass
rpcallowip=127.0.0.1
listen=1
server=1
daemon=1
staking=0
externalip=IPV4: 12875
masternode=1
masternodeprivkey=masternodeprivkey
```

change user and pass with any random string with 10 characters or more
add your externalip and masternode key that you saved from before

Press ESC

Write :wg

Hit Enter

now crowdcoin.conf has been saved

Step 8: Set Masternode

Open masternode.conf

```
vi masternode.conf
```

```
MN1 <Vps IP>:12875 masternodeprivkey tx_id tx_count
```

Those 3 information are those previously saved in note

The VPS IP is the IP of the vps that is running this masternode

```
pres ESC  
Writer :wq  
Hit ENTER
```

now masternode.conf has been saved

Step 9: Set restart the wallet and start masternode

using cd command get back to the folder of the wallet

```
./crowdcoind -daemon
```

wait 20 min

Now runn:

```
./crowdcoin masternode start
```

expect

Masternode successfully started //in case you don't get this message redo the previous command after 5 minutes

Then sentinel is required you can find the explanation on how to set it up here

<https://github.com/crowdcoinChain/sentinelLinux>