

paranoidtruth's philscurrency_win_linux_guide

follow the LINUX directions from:

<http://www.philscurrency.com/documentation/>

UNTIL you get to the part where it says to generate a new address and send coins.

./philscurrency-cli getnewaddress STOP, DO NOT DO THAT!

From that point on, follow these steps.

-----go to your local(windows) wallet.-----

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You should send your coins to your windows wallet from the exchange. send all of them to your primary/default address (you can find it in file->receiving addresses.

You need slightly over 12000 coins to cover the fees.

Wait until your coins arrive & are confirmed (can verify confirmed in the transactions tab)

Go to File->receiving addresses.

Create a new address, label it MN1.

Send exactly 12000 coins to that address. You are just sending coins to yourself at a secondary address.

ONE TRANSACTION. EXACTLY 12000.

Wait for a few confirms in the transactions tab, the amount won't show, but the fee will.

Open the console: Tools->debug console.

Type: master node outputs. You should get output that looks something like this:

```
"xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx" : "0"
```

Copy & save this to a file, don't lose it.

The first part is your txid. The second part is your index. If you have one node, the index will be zero.

If that didn't work, stop, you're already broken. Did you send exactly 12000 coins? 12000.1 is not 12000, most common mistake is people send extra coins to their MN address. Your primary can have the extra, your MN needs exactly 12000.

In the debug console, type masternode genkey.

copy/save that output to a file. Don't lose it.

You will use the genkey & tx_id in just a minute...

Now edit two windows conf files.

Find in: c:\users\your_user_name\AppData\Roaming\Philscurrency

Open the philscurrency.conf:

Make it look exactly like this (replace with your own user/pass)

```
rpcuser=whatever_user_name
```

```
rpcpassword=make_your_own_pass_here_you_do_not_need_to_remember_it
```

```
rpccallowip=127.0.0.1
```

```
rpcport=36002
```

```
addnode=52.14.182.71:36003
```

```
addnode=13.59.107.218:36003
addnode=52.14.113.155:36003
```

Save it.

Open the masternode.conf file.

Make it look exactly like this, but swap out your vps IP, genkey, and txid from above, and index (which is probably 0)

```
MN1 YOURIP:36003 your_genkey_goes_here your_tx_id_goes_here 0
```

that's it, that file only needs 1 line (unless you have 2 MN, then it will have 2 lines, etc).

Save

Close the wallet and re-open to load the new configs.

Go back to the console:

```
Masternode start-alias MN1
```

It should start!

do this to check it's windows status:

```
masternode list-conf
```

-----Go back to your linux VPS -----:

```
#I like to rename the philscurrency-1.0.0 dir to "phils" just to shorten it:
```

```
cd ~/
```

```
mv philscurrency-1.0.0 phils
```

```
#and make sure main files are executable:
```

```
chmod +x ~/phils/bin/philscurrencyd
```

```
chmod +x ~/phils/bin/philscurrency-cli
```

```
#Now, also a quick trick to make the files executable from anywhere instead of having to be in the exact directory:
```

```
sudo cp ~/phils/bin/philscurrencyd /usr/local/bin
```

```
sudo cp ~/phils/bin/philscurrency-cli /usr/local/bin
```

```
#now you can call it without worrying about the full path or being in the bin directory, etc.
```

We are going to update the vps conf file. You do NOT edit the vps

masterode.conf, only the

philscurrency.conf file

```
#STOP the daemon if it's running, always stop before editing configs, particularly if change the user/pass in it.
```

```
philscurrency-cli stop
```

```
#Use vi or nano (see the original guide) to edit the vps conf file again.
```

```
nano .philscurrency/philscurrency.conf
```

Leave the user/pass two lines alone, make the rest of it look exactly like this,

But swap in your IP, GENKEY that you also used in windows. The genkey must be the same/match in windows & vps!

make it look exactly like this:

```
rpcuser=whatever_you_already_used
```

```
rpcpassword=whatever_password_you_used_here
rpcallowip=127.0.0.1
rpcport=36002
listen=1
server=1
daemon=1
maxconnections=64
masternode=1
externalip=YOUR_IP:36003
masternodeprivkey=your_priv_key_same_as_you_put_in_windows_conf
addnode=52.14.182.71:36003
addnode=13.59.107.218:36003
addnode=52.14.113.155:36003
```

Save it.

```
#Start it
philcurrencyd
```

```
#verify running, you want a status of successfully started
philcurrency-cli masternode status
```

```
#now, let's see if we can see our ip in the list, swap in YOUR txId from windows
```

```
philcurrency-cli masternode list | grep xxxxxxxxxxxxxxxxxxxx
#with any luck you will see something like: xxxxxxxxxxxxxxxxxxxx-0 : ENABLED
```

```
#at that point you should be good, double check in masternodes.online, search by both IP or MN Address
```

```
#might take a couple minutes to show up
```

```
#ok, all good? Yes! Even though it's a cold vps wallet, we still need some basic vps security:
```

```
#add some basic security.
sudo apt-get install fail2ban -y
sudo apt-get install -y ufw
sudo apt-get update -y
```

```
#add a firewall & fail2ban
sudo ufw default allow outgoing
sudo ufw default deny incoming
sudo ufw allow ssh/tcp
sudo ufw limit ssh/tcp
sudo ufw allow 36003/tcp
sudo ufw logging on
sudo ufw enable
sudo ufw status
```

```
#note, if you run other coins on diff ports, run the firewall allow commands to open/allow those ports as well
```

```
#like we did above to allow 36003
```

```
#fail2ban:
sudo systemctl enable fail2ban
```

```
sudo systemctl start fail2ban
```

```
#FYI: HELPFUL commands in the VPS:
```

```
philscurrencyd #starts
```

```
philscurrency-cli stop #stops
```

```
philscurrency-cli masternode status #you want a status of successfully started
```

```
philscurrency-cli masternode debug
```

```
philscurrency-cli masternode list #shows all nodes
```

```
philscurrency-cli getmininginfo #show blocks, etc.
```

```
philscurrency-cli help #shows every possible command
```

```
philscurrency-cli masternode list | grep your_tx_id
```

```
#HELPFUL IN WINDOWS CONSOLE
```

```
masternode list-conf
```

```
#wait for rewards, at least 24 hours.
```

```
#Also, now that your MN is running, good time to backup your windows wallet.dat file to a usb drive, etc!
```