



GIANT MASTERNODE

GUI wallet under Windows OS

Single masternode on Linux VPS (Ubuntu 16.04 x64)

To do:

1. Install Giant wallet
2. Deploy VPS
3. Setup Masternode on VPS
4. Activate Masternode

1. Install Giant wallet

Download the last version of Windows 32-bit or 64-bit wallet by reference

<https://github.com/GiantPay/GiantCore/releases>

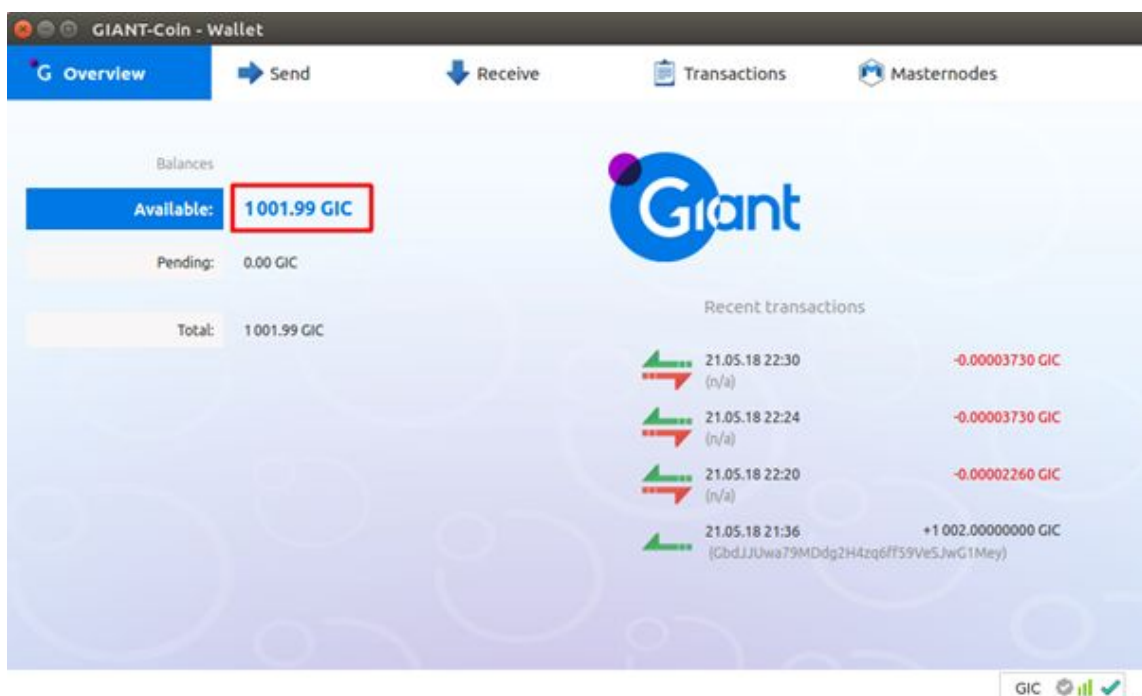
Unpack the downloaded zip-file into a folder convenient for you. For example, create folder *C:\giant*.

To launch the GUI wallet double click on *giant-qt.exe*.

The first time you start, you will be prompted to select the storage location for the blockchain. By default this is *C:\Document and Settings\User\Application Data\GIANT*.

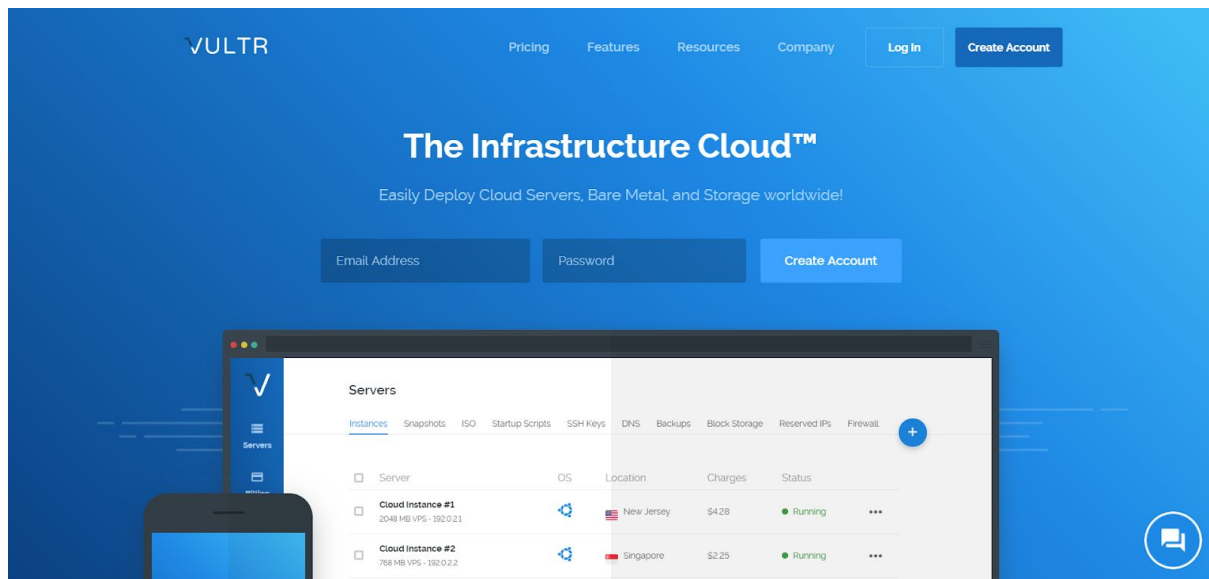
The first launch of the wallet may take some time due the synchronization with the network will be made.

To create a masternode you must have **1001 GIC** (**1000 GIC** for collateral price + **1 GIC** to cover the transaction fees).



2. Deploy VPS

We recommend the VPS for <https://www.digitalocean.com/> or <https://www.vultr.com/>.
For example, let's take vultr.com.



Register <https://www.vultr.com/> and add some funds. At least 10\$ or more.

Press "Servers" and press "+".

Server Location: USA or any

Server Type: Ubuntu 16.04 x64

Server Size: 20 GB SSD \$2.50/mo \$0.004/h (will be more than enough)

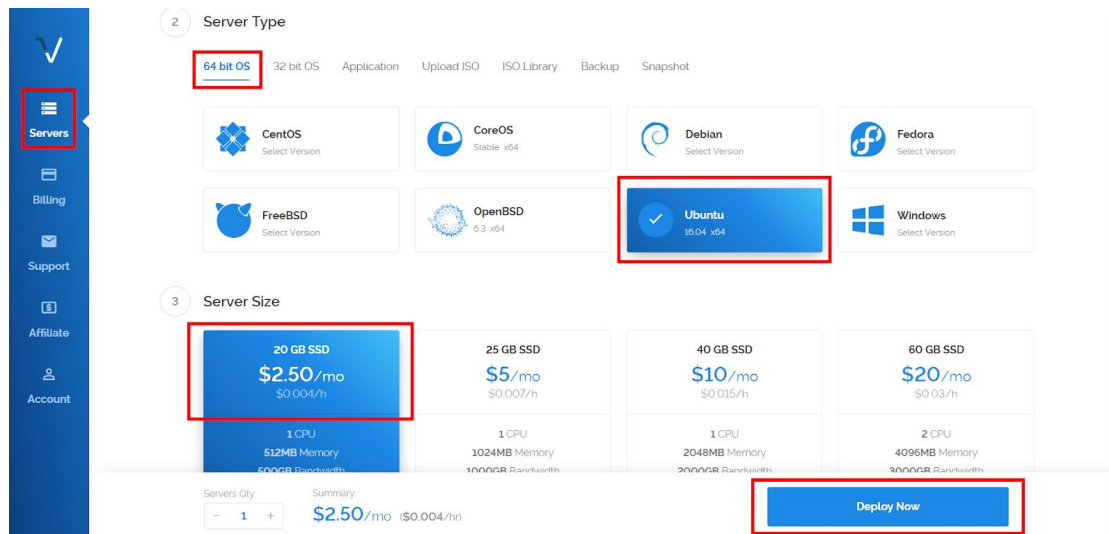
Enable IPv6, Auto Backups and Private networking not needed

Enable DDOS Protection or not is your decision (if DDOS attack occur your server will continue work while others are down. It is mean you will get more profit because other masternodes are down)

Startup Script don't touch

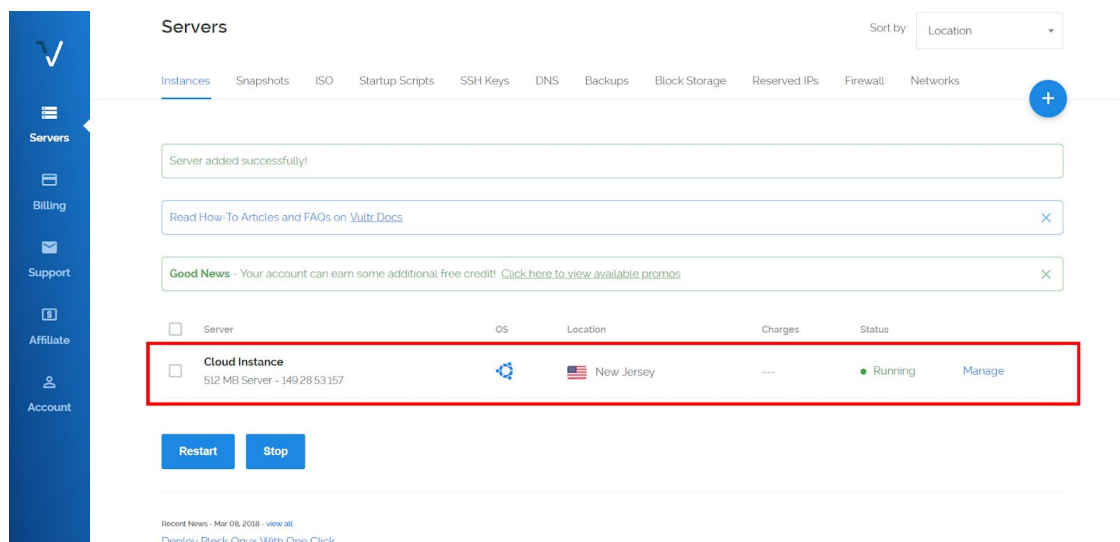
SSH Keys don't touch

Server hostname & label: Give name to your server (ex: GIANTMN1)

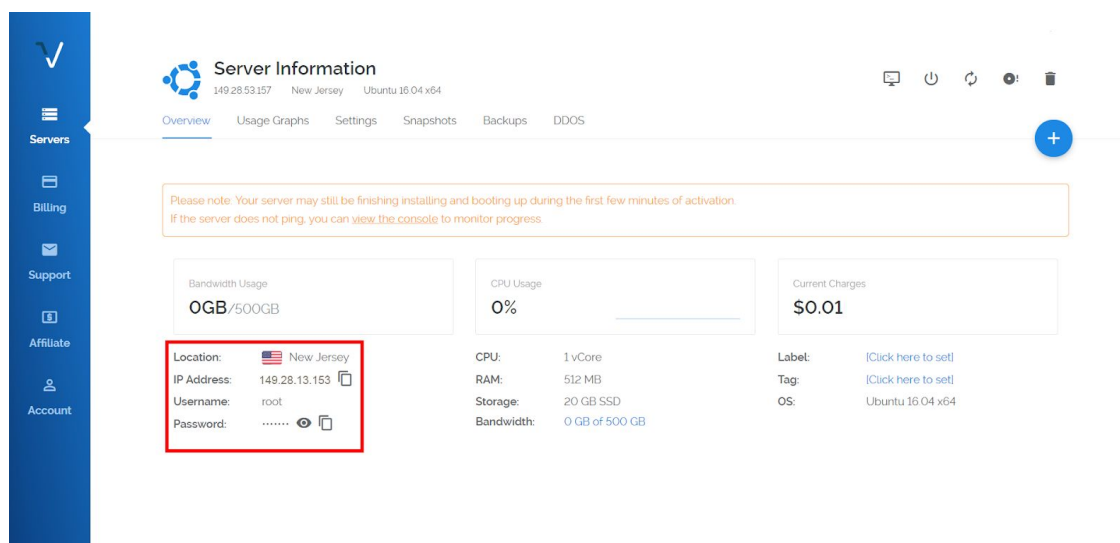


Press "Deploy Now".

Once install done you'll get confirmation email. It'll take up to 5 mins.

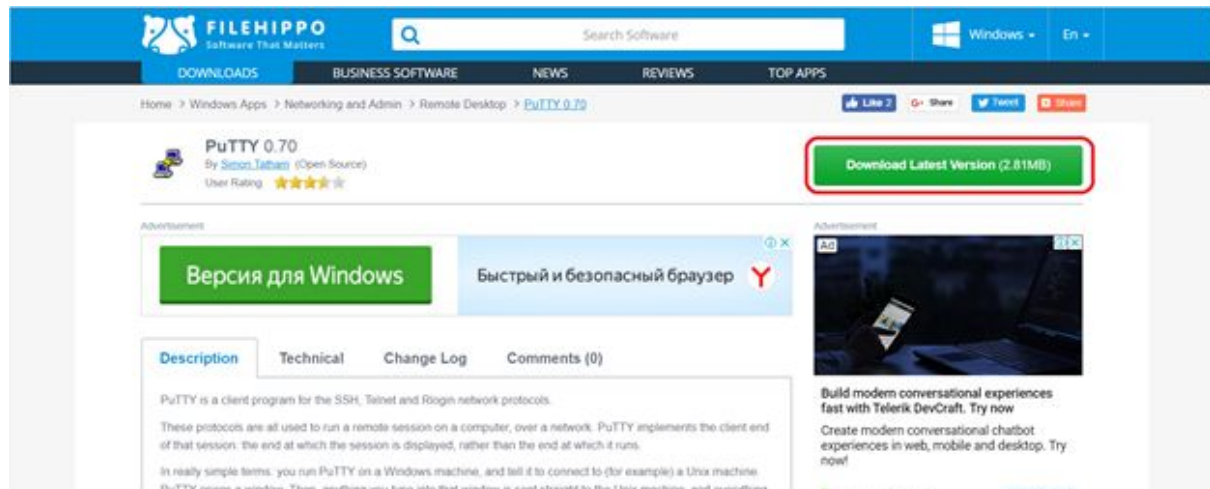


You'll see your IP address, username and password

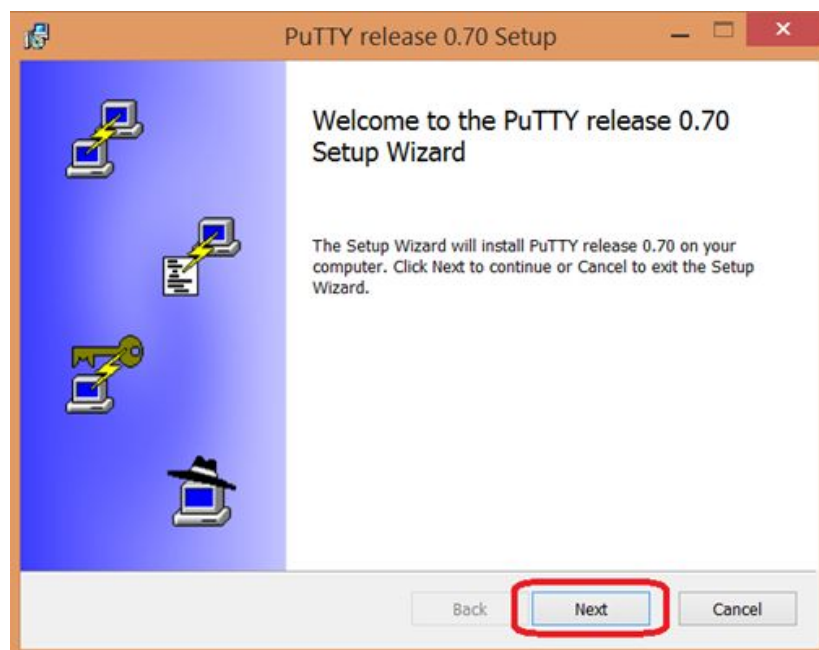


3. Setup Masternode on VPS

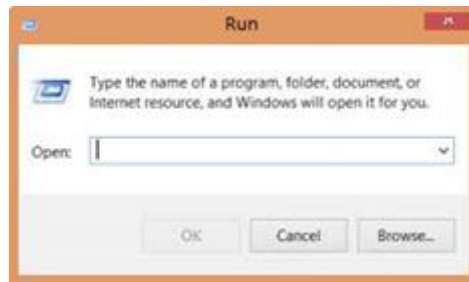
For installation of a masternode on VPS you need to use ssh client, for example PuTTY. It can be downloaded having followed the link: https://filehippo.com/download_putty/



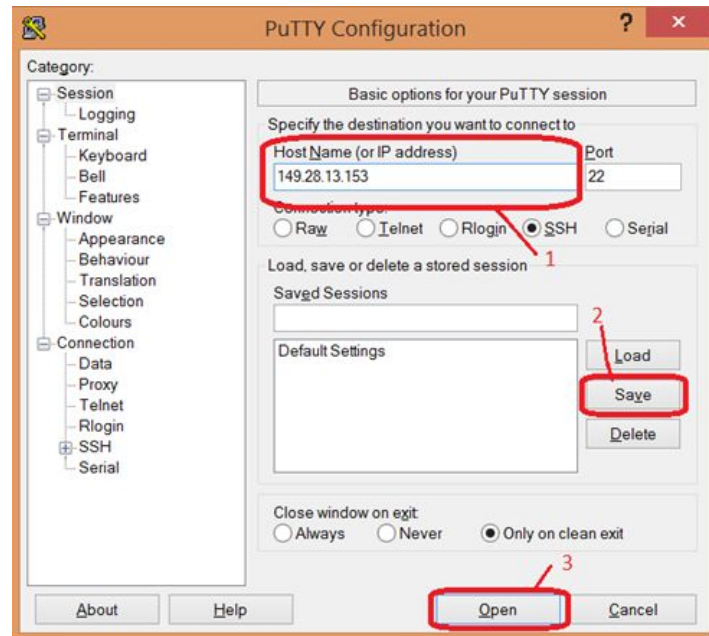
Go to Downloads folder and launch installer:



The shortcut keys Win + R call the Run menu and enter in the putty line, then click OK.



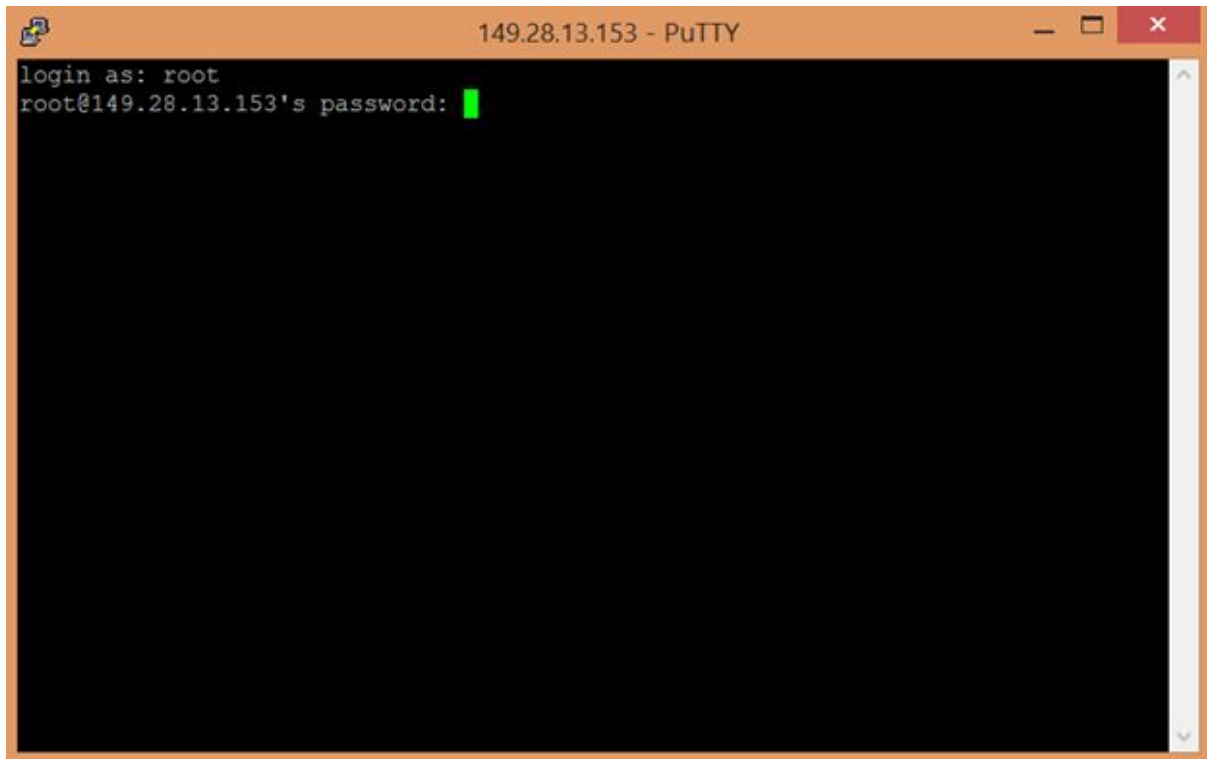
In the appeared window we enter IP address created by us VPS (1), we press the Save button (2), after press the Open button(3).



There is the following window where we enter the data obtained during creation of the VPS server in our case:

Username: root

Password: ***** (your vultr password)



When you type the password on the screen, nothing is displayed. After entering the password, press Enter.

Next, we install the script according to the following instructions:

```
$ sudo apt install git
$ git clone https://github.com/GiantPay/GiantMasternodeSetup.git && cd
GiantMasternodeSetup
$ chmod +x GiantMasternodeSetup.sh
$ ./GiantMasternodeSetup.sh
```

After running the script, you will receive a masternode private key:

Masternode private key: 8f93KrngYkMQs4cZMjBJSbn8QuSudx6yUtbxqU7cmqtj6GMF9NC

```
Masternode private key: 8f93KrngYkMQs4cZMjBJSbn8QuSudx6yUtbxqU7cmqtj6GMF9NC
Welcome to the GIANT Masternode Network!
root@190923-vds-outsourcing-mailer:~/GiantMasternodeSetup# cd
```

You will also need the IP data and the connection port of your masternode.

```
$ cat ~/.giant/giant.conf | grep externalip
```

```
root@190923-vds-outsourcing-mailer:~/giant# cat giant.conf
rpcuser=giantuser
rpcpassword=rah7mohchahZ5uPoo4Uo
server=1
listen=1
maxconnections=256
daemon=1
rpcallowip=127.0.0.1
externalip=149.28.13.153:40444
masternode=1
masternodeprivkey= 8f93KmgYkMQs4cZMjBJSbn8QuSudx6yUtbxqU7cmqtj6GMF9NC
```

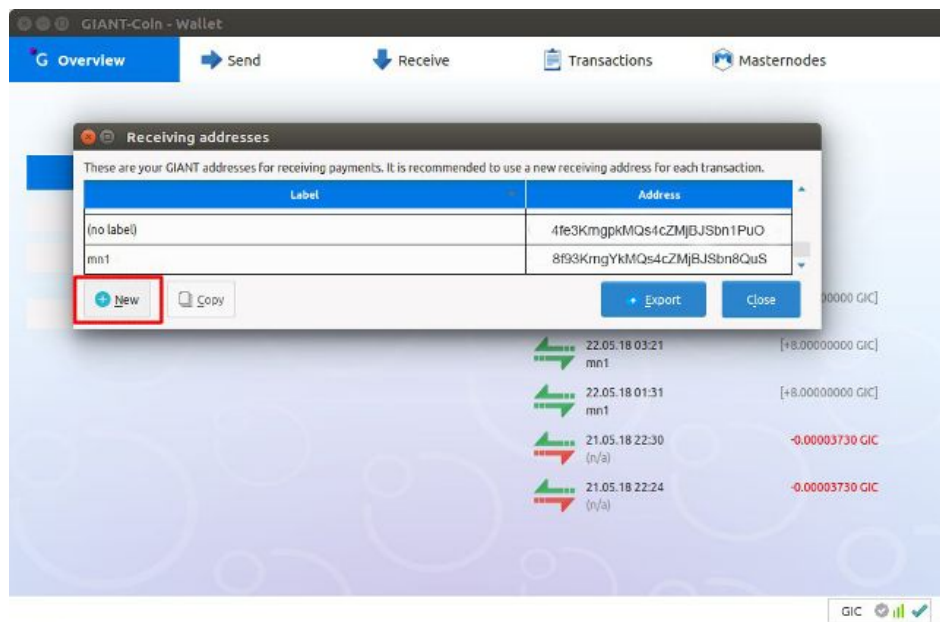
Make sure your masternode is syncing with the Giant network:

\$ ~/giant/giant-cli mnsync status

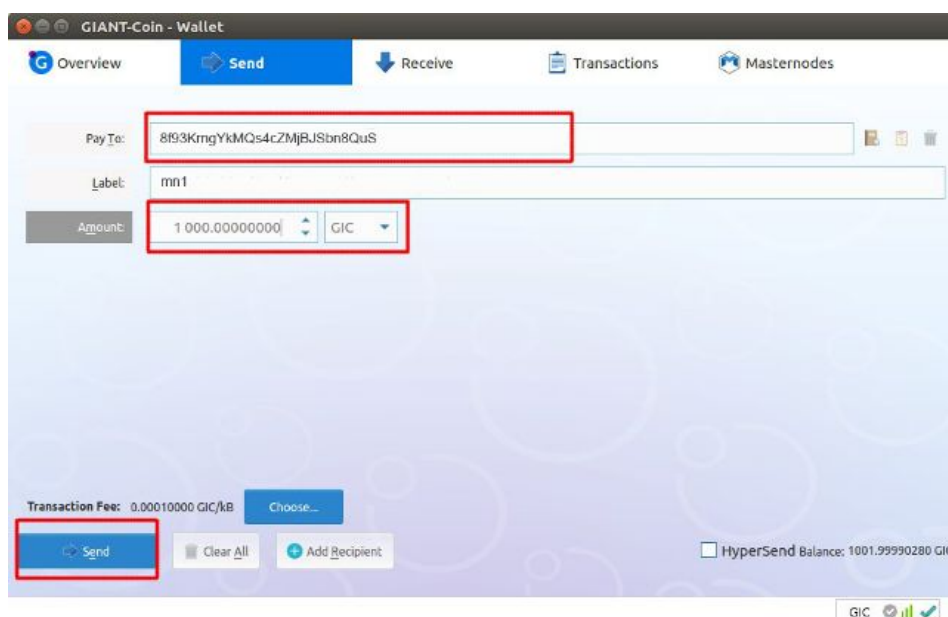
“IsBlockchainSynced” attribute must be equal “true”.

4. Activate Masternode

Get GIC masternode address. This is address where you should send exactly **1000 GIC**. In GUI wallet press “File” => “Receiving addresses” and press “New”.



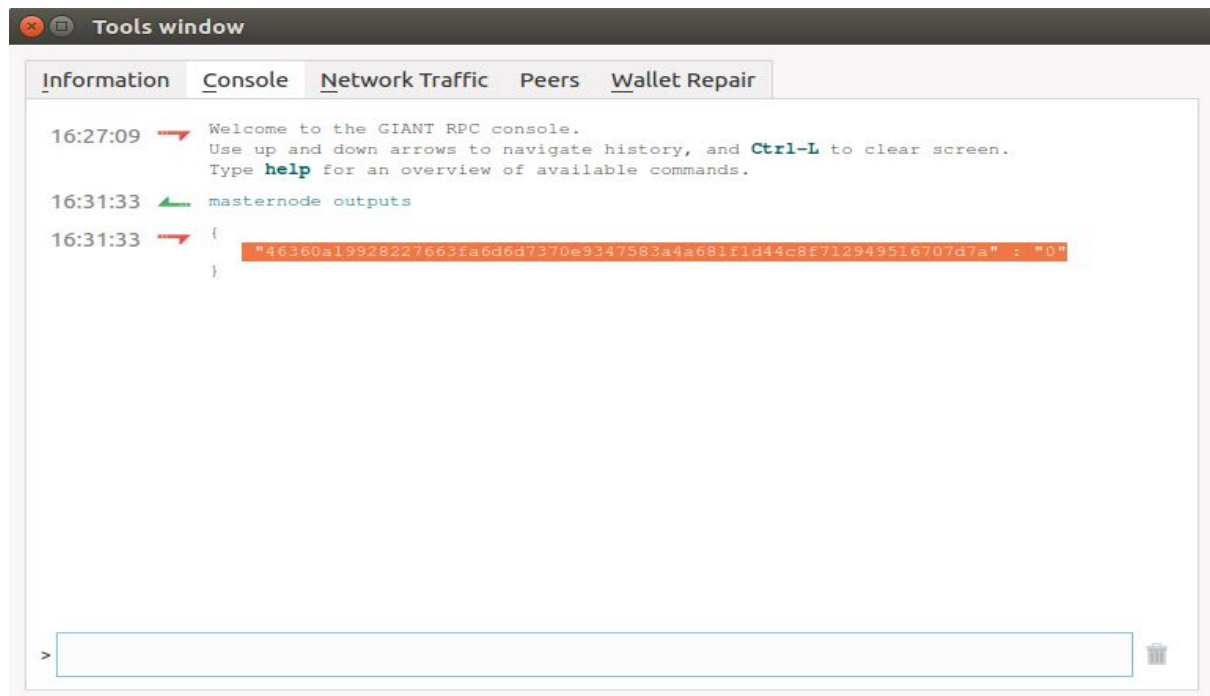
Send 1000 GIC to the generated address and wait 10 confirmations (20mins approximately).



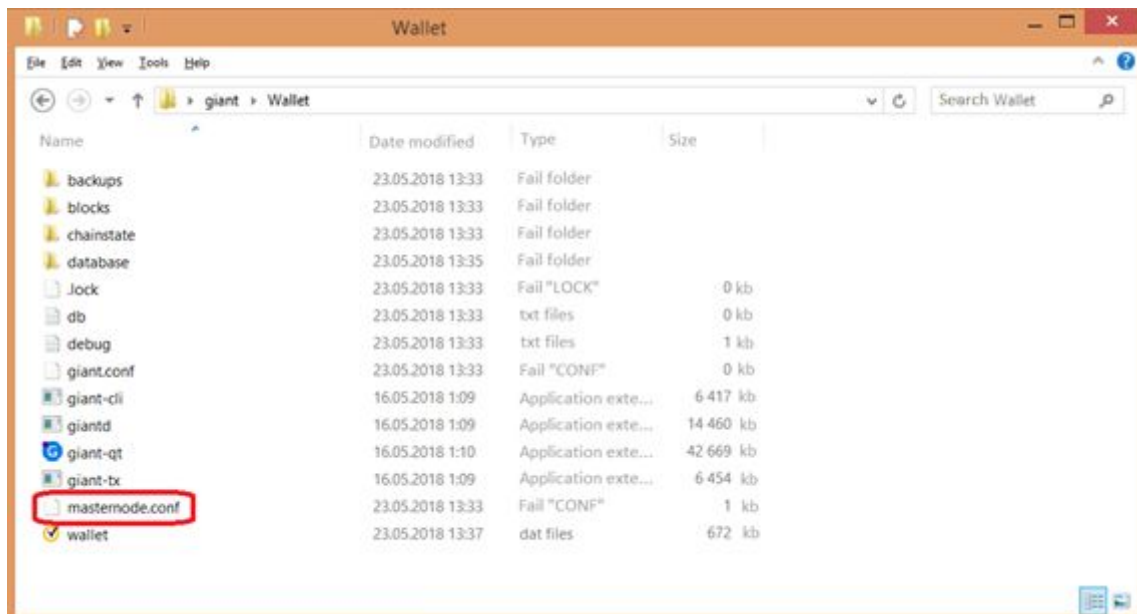
Get masternode collateral_output_txid and collateral_output_index.

Go to “Tools” => “Debug Console” and enter:

masternode outputs



Edit masternode.conf file located in your local computer.



To the bottom of text you should paste your data (divided by spaces):

alias IP:port masternodeprivkey collateral_output_txid collateral_output_index

alias - any you want

IP:port – Your VPS ip address and port 40444 (port is fixed for all)

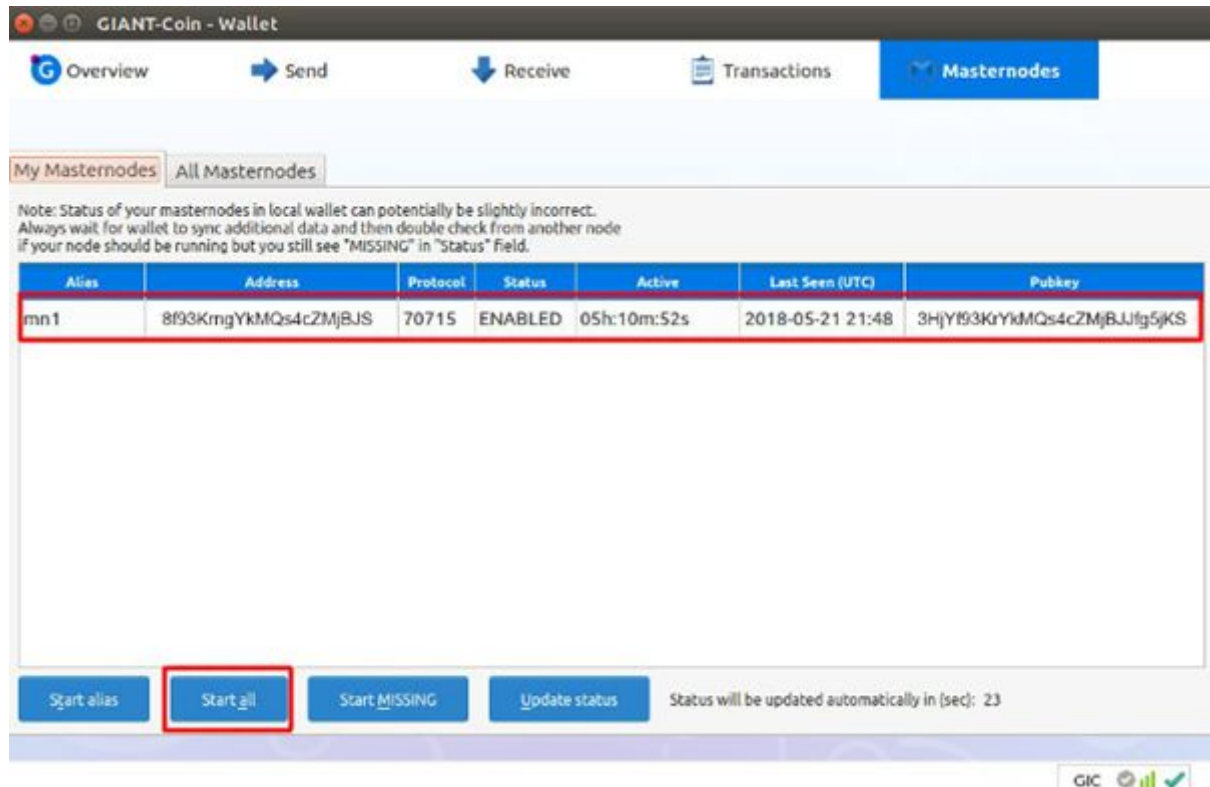
masternodeprivkey – You got it from previous step

collateral_output_txid – first part of masternode outputs

collateral_output_index – second part of masternode outputs (usually 1 or 0)

Save changes in mastenode.conf file.

Close and start Giant GUI wallet. In the masternodetab, press start-missing or start-all button.



Your status will become "PRE_ENABLED" and after 20-30min it will be changed to "ENABLED". Sometimes you should wait for 1-2 hours for your masternode sync with another nodes and become ready for starting, if it not start immediately don't worry, just try a little bit later.

Relaunch your node if your masternode status is "NEW_START_REQUIRED"

CONGRATULATIONS! YOU DID IT!

GOOD LUCK!