



GIANT MASTERNODE

GUI wallet under Linux 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 Linux wallet by reference

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

Unpack the downloaded zip-file into a folder convenient for you. For example, create folder `~/giant`.

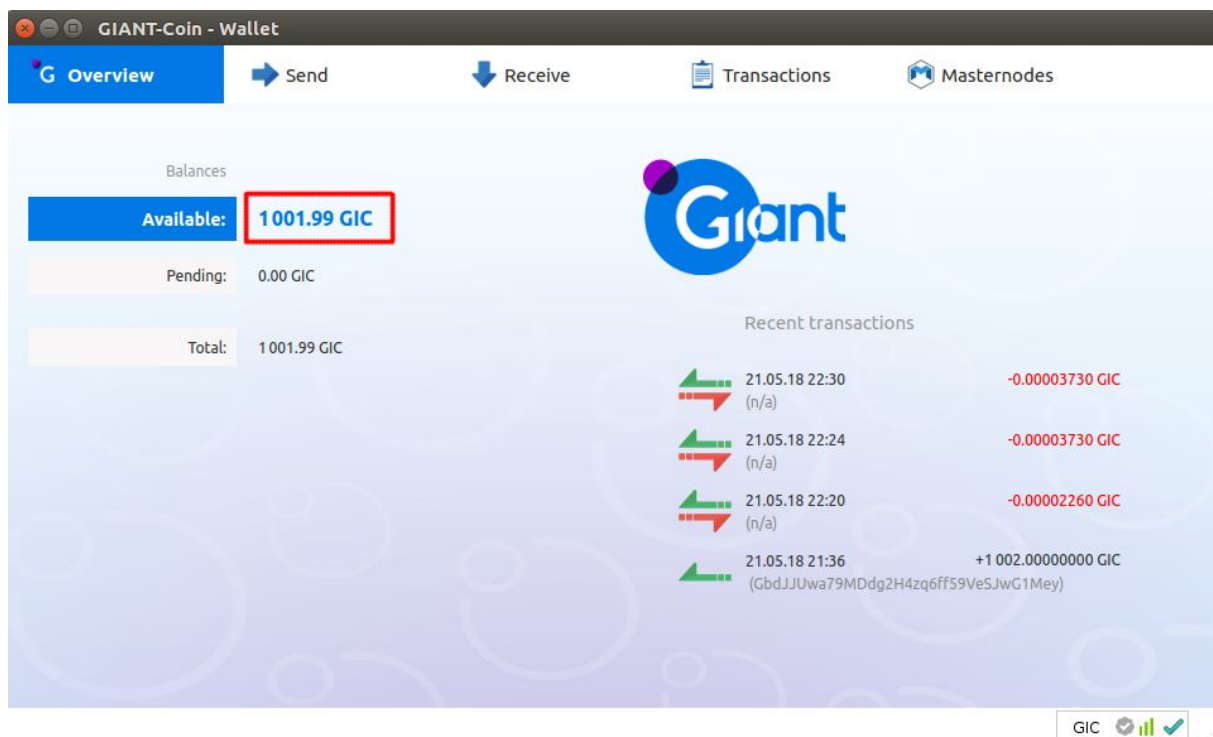
To launch the GUI wallet, execute the command in the terminal

```
$ cd giant && ./giant-qt
```

The first time you start, you will be prompted to select the storage location for the blockchain. By default this is `~/giant`.

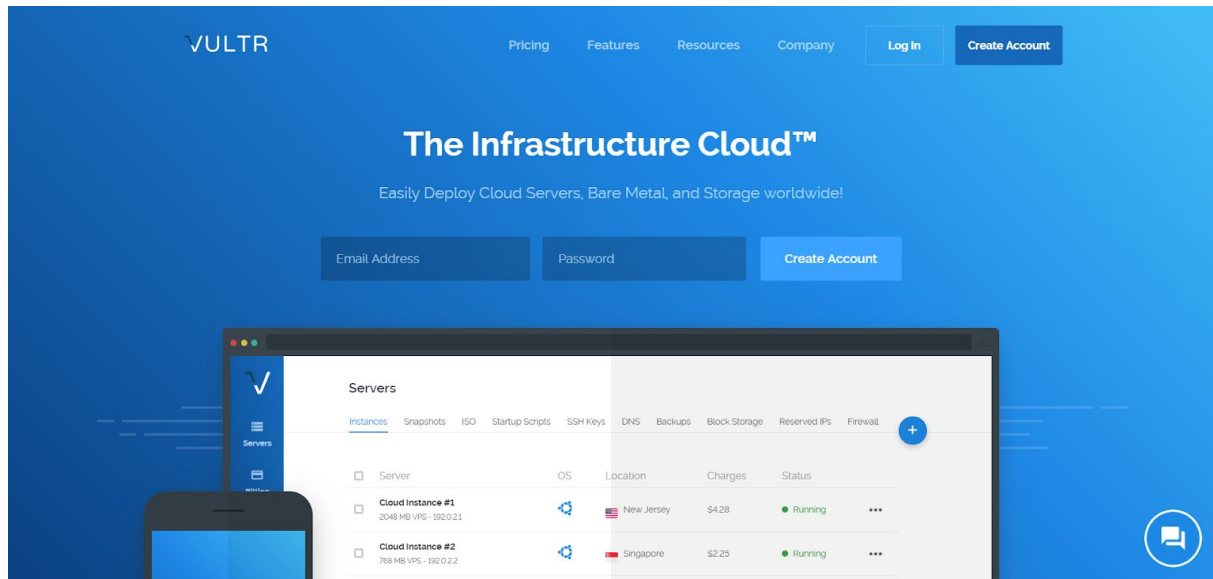
The first launch of the wallet may take some time due the synchronization with the network will be made.

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)

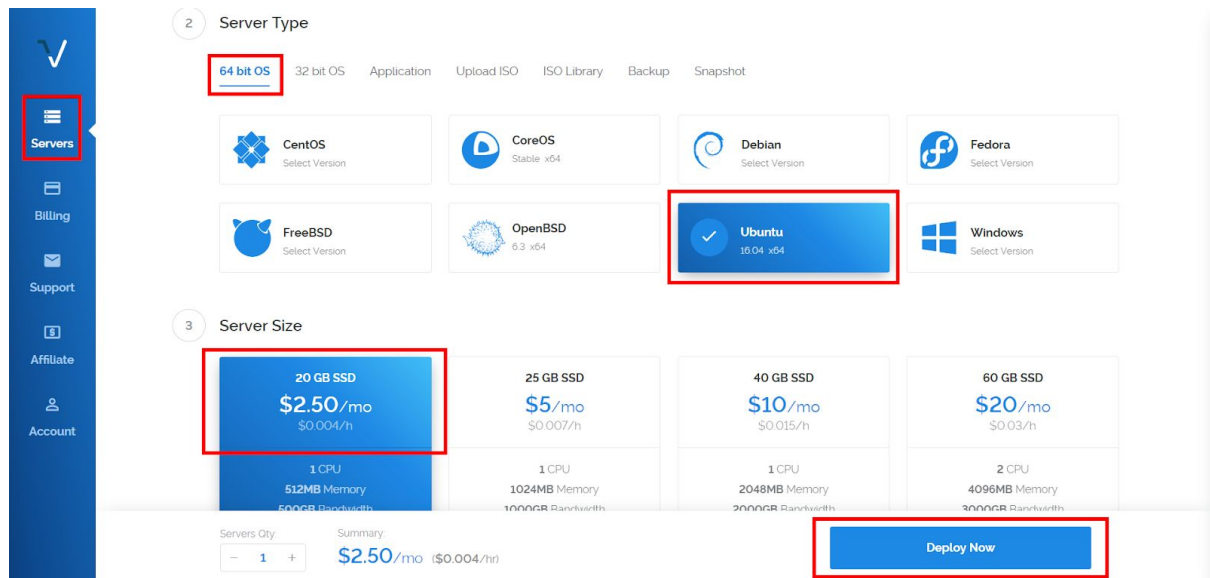
Enable IPv6, Auto Backups and Private networking not needed

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

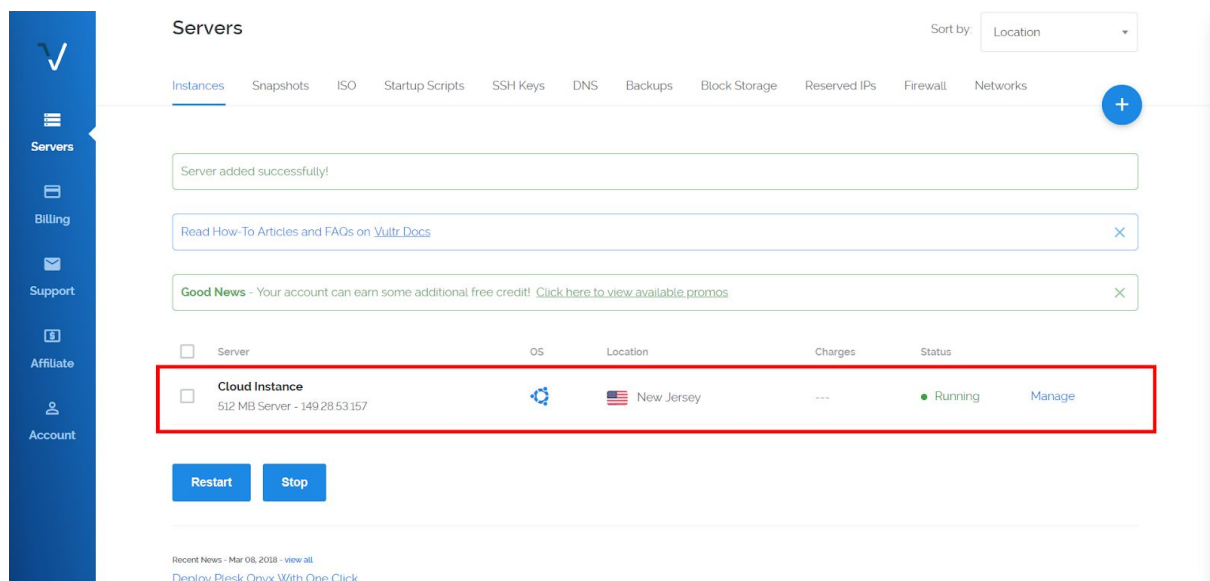
SSH Keys don't touch

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

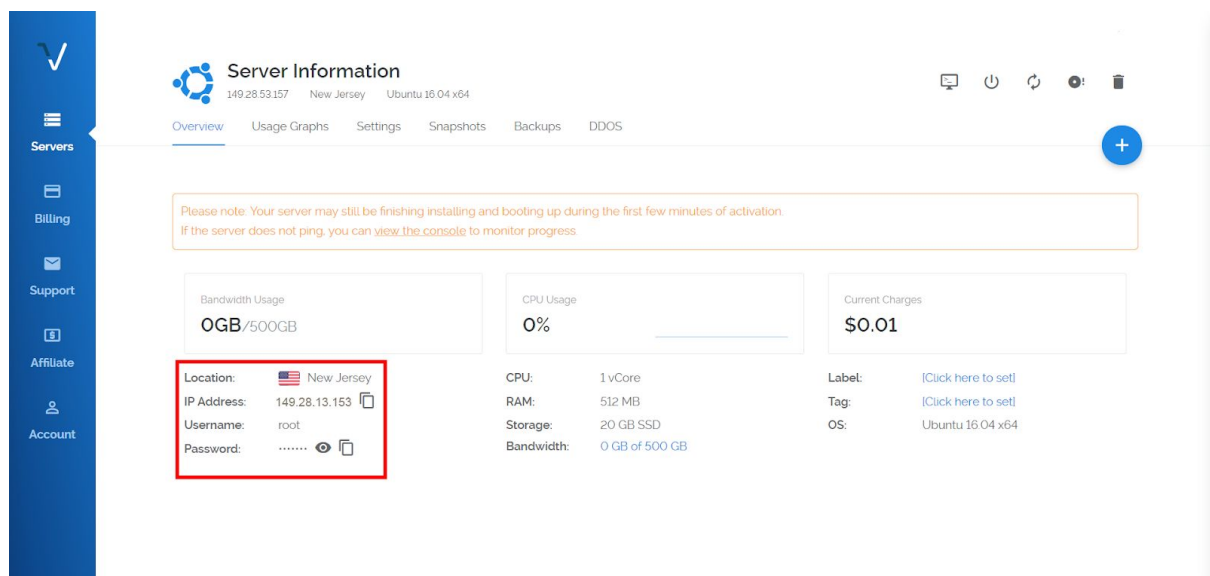


Press "Deploy Now".

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

To setup the masternode, you need to log in to the server using the ssh (copy IP, username and password from vultr server screen in browser). Execute in the local shell:

```
$ ssh root@149.28.13.153 (yours vultr IP)
```

and enter user password:

```
denis@denis-Lenovo:~$ ssh root@149.28.13.153
root@149.28.13.153's password: █
```

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
rpccallowip=127.0.0.1
externalip=149.28.13.153:40444
masternode=1
masternodeprivkey=8f93KrngYkMQs4cZMjBJSbn8QuSudx6yUtbxqU7cmqtj6GMF9NC
```

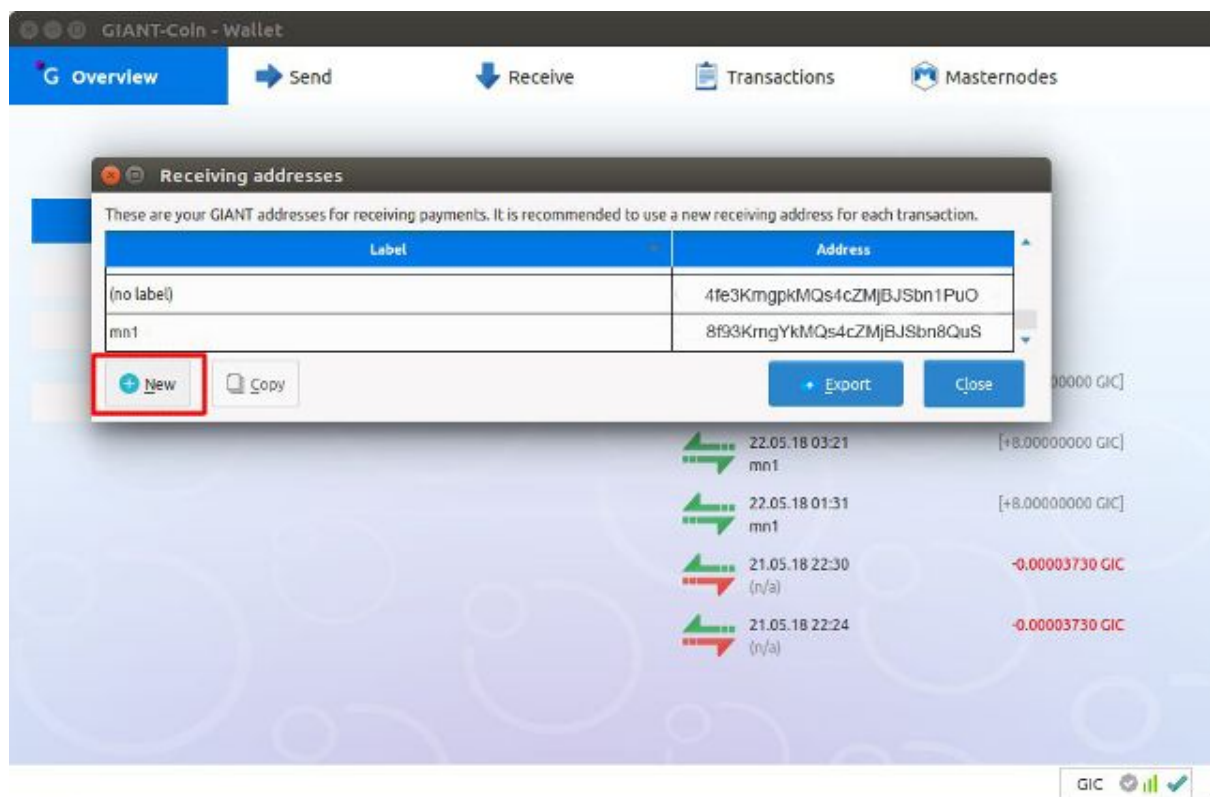
Make sure your masternode is syncing with the Giant network:

\$ ~/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).

GIANT-Coin - Wallet

Overview Send Receive Transactions Masternodes

Pay To: 8f93KrngYkMQs4cZMjBJSbn8QuS

Label: mn1

Amount: 1 000.00000000 GIC

Transaction Fee: 0.00010000 GIC/kB Choose...

Send Clear All Add Recipient

HyperSend Balance: 1001.99990280 GIC

Get masternode collateral_output_txid and collateral_output_index.

Go to "Tools" => "Debug Console" and enter:

masternode outputs

Tools window

Information Console Network Traffic Peers Wallet Repair

```
16:27:09 Welcome to the GIANT RPC console.
Use up and down arrows to navigate history, and Ctrl-L to clear screen.
Type help for an overview of available commands.

16:31:33 masternode outputs

16:31:33 {
  "46360a19928227663fa6d6d7370e9347583a4a681f1d44c8f712949516707d7a" : "0"
}
```


Edit masternode.conf file located in yours local computer.

```
denis@denis-Lenovo:~$ cd .giant/  
denis@denis-Lenovo:~/giant$ nano masternode.conf
```

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)

```
# Masternode config file  
# Format: alias IP:port masternodeprivkey collateral_output_txid collateral_output_index  
# Example: mn1 127.0.0.2:55500 93HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64xiqqX37tGBDQL8Xg 2bcd3c84c84  
mn1 149.28.13.153:40444 8f93KrngYkMQs4cZMjBJSbn8QuSudx6yÜtbxqU7cmqtj6GMF9NC 46360a19528227663f
```

Save changes in masternode.conf file and exit by pressing CTRL+O -> ENTER -> CTRL+X

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

GIANT-Coin - Wallet

Overview Send Receive Transactions Masternodes

My Masternodes All Masternodes

Note: Status of your masternodes in local wallet can potentially be slightly incorrect.
Always wait for wallet to sync additional data and then double check from another node
if your node should be running but you still see "MISSING" in "Status" field.

Alias	Address	Protocol	Status	Active	Last Seen (UTC)	Pubkey
mn1	8f93KrngYkMQs4cZMjBJS	70715	ENABLED	05h:10m:52s	2018-05-21 21:48	3HjYf93KrYkMQs4cZMjBJJfg5jKS

Start alias Start all Start MISSING Update status

Status will be updated automatically in (sec): 23

GIC

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!