



For more info check our [website](#) and [discord](#) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

# Ultratum Setup Guide v1.0

## What will you need?

1. Hosted server for your MN (24/7 running uptime to collect maximum rewards)
2. Windows/Mac PC for hosting your local wallet

## Local Wallet Setup

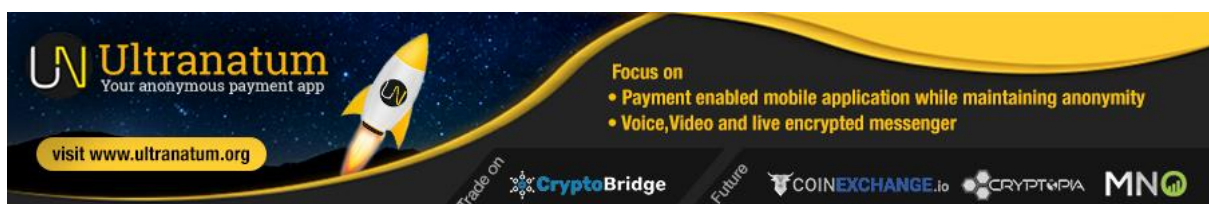
Windows Machine:

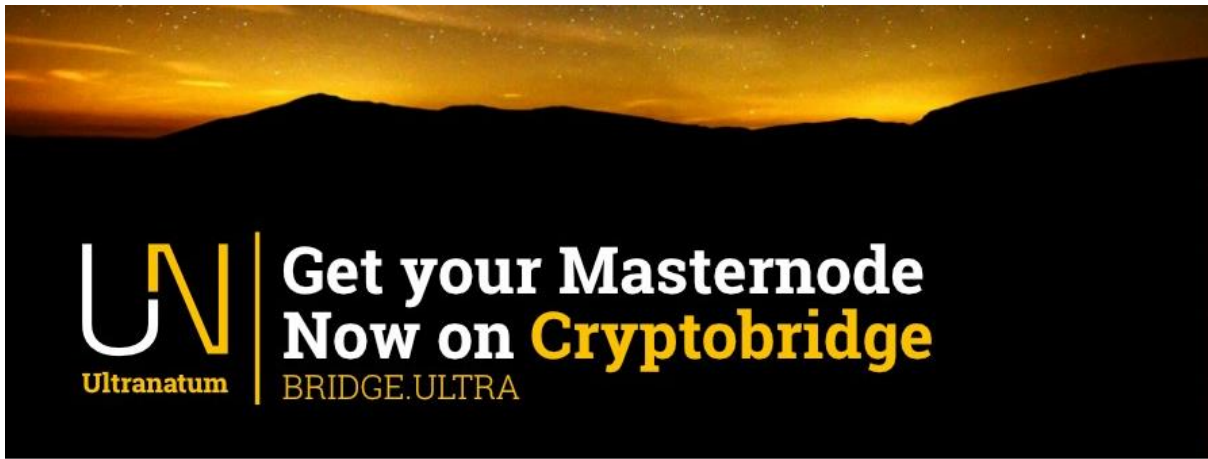
This is for your Local Wallet (Where you receive or send coins from) you can find both 32 bit and 64 bit wallets below:

32 bit: <https://github.com/ultranatum/ultranatum/releases/download/1.0.0.1/Ultratum-1.0.0.1-win32.ZIP>

64 bit: <https://github.com/ultranatum/ultranatum/releases/download/1.0.0.1/Ultratum-1.0.0.1-win64.ZIP>

Click the link, download your needed wallet, extract and install.





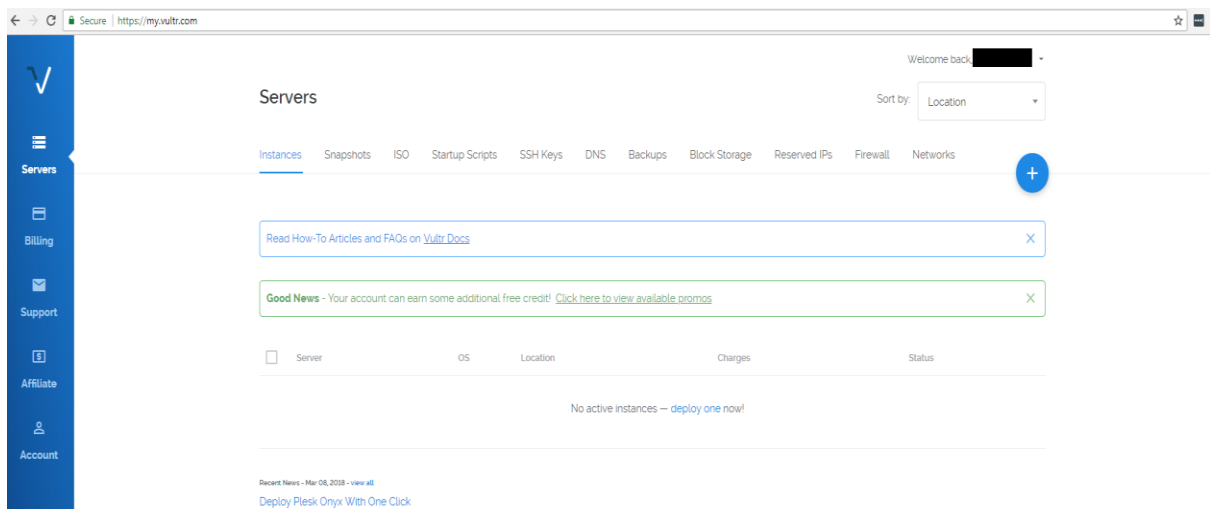
For more info check our [website](#) and [discord channel](#)  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

## Vultr Server Setup

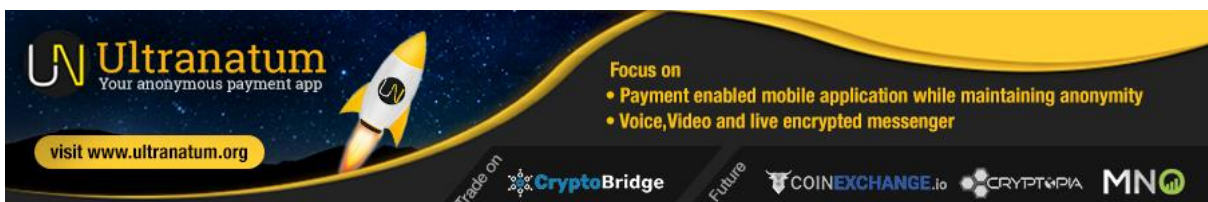
I have chosen this provider: <https://www.vultr.com/>

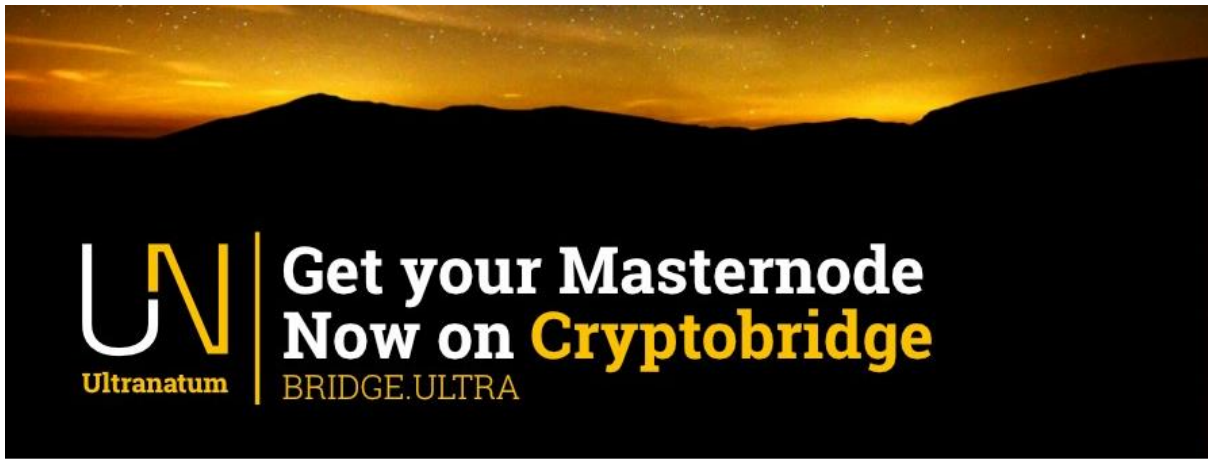
Create an account on the website.

Verify your email address via the automated email that comes to your inbox

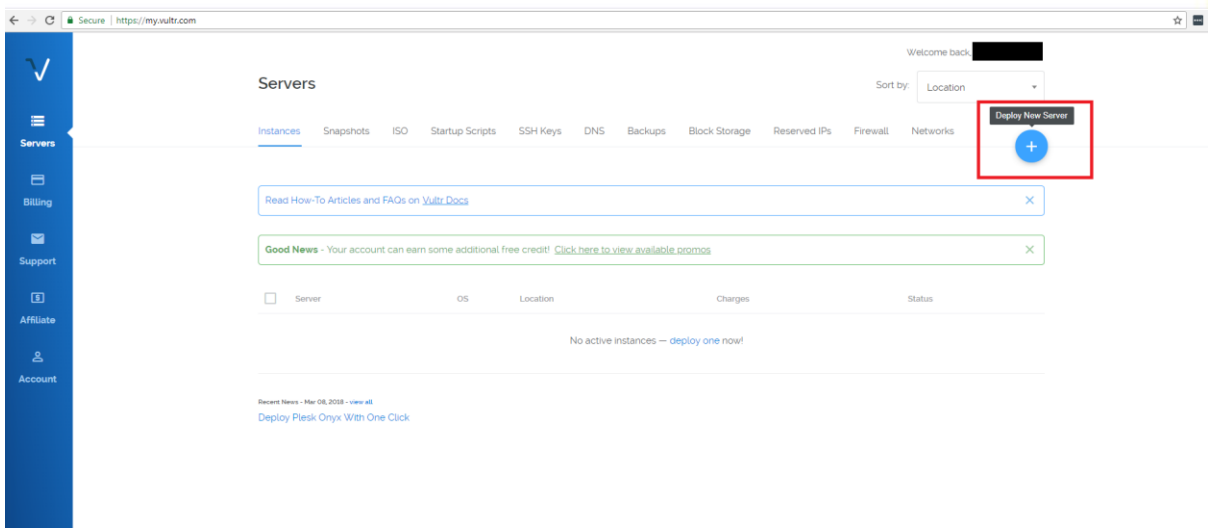


Click the + Icon

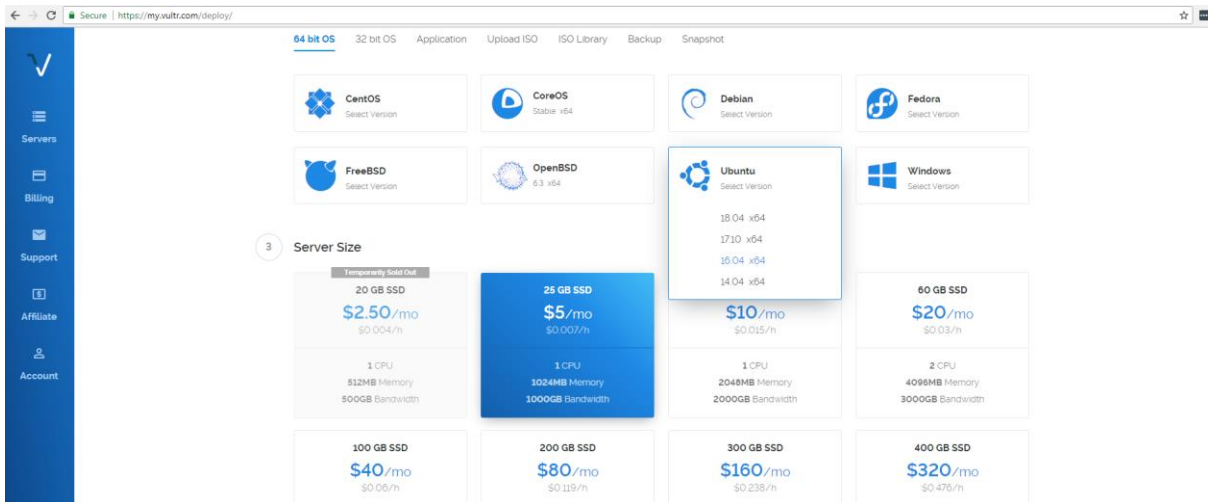




For more info check our [website](http://www.ultranatum.org) and [discord](https://discord.gg/NTWye2V) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)



Choose Ubuntu 16.04 x64

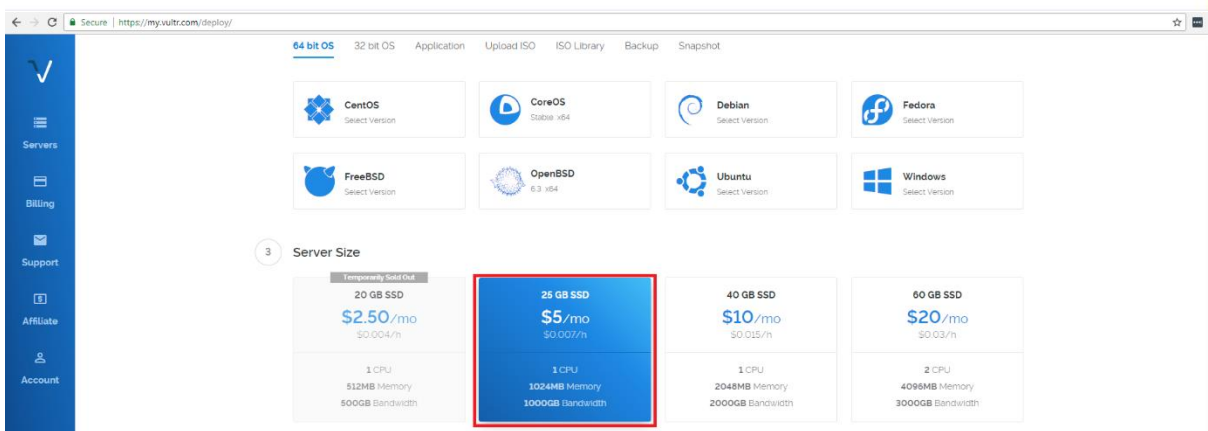


Choose 25GB SSD \$5/mo

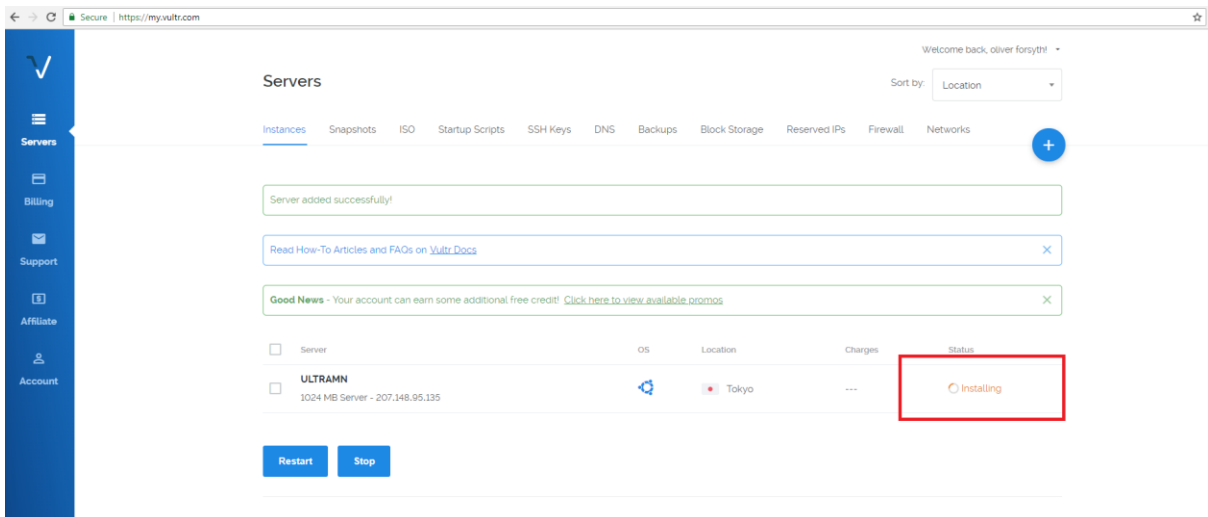




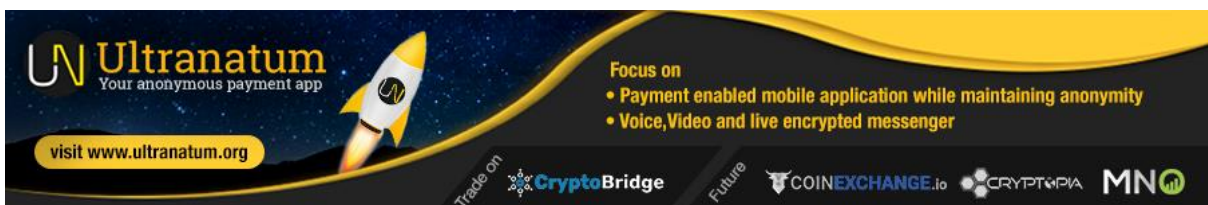
For more info check our [website](http://www.ultranatum.org) and [discord](https://discord.gg/NTWye2V) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)



Next it will install for a couple of minutes, check the status and wait for running e.g below:



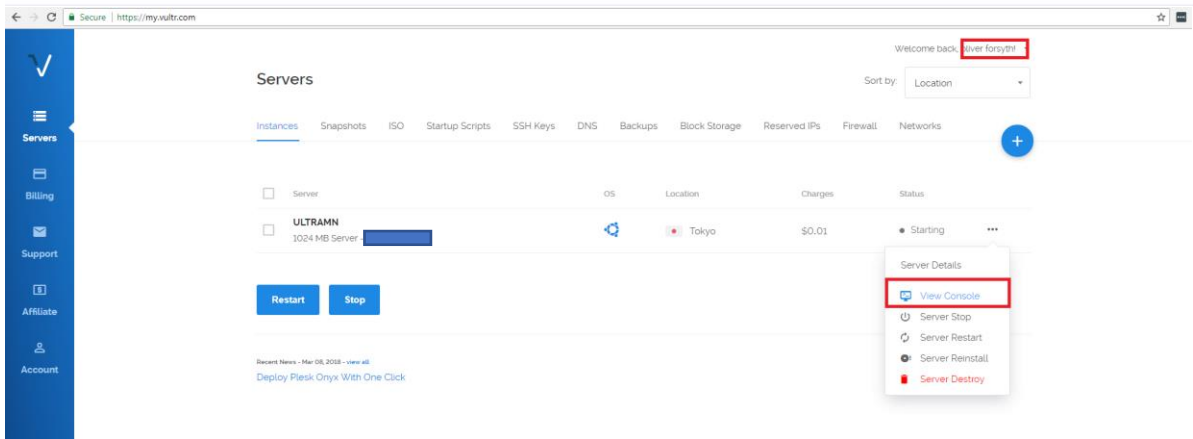
When the status changes too running, click the three dots and click view console



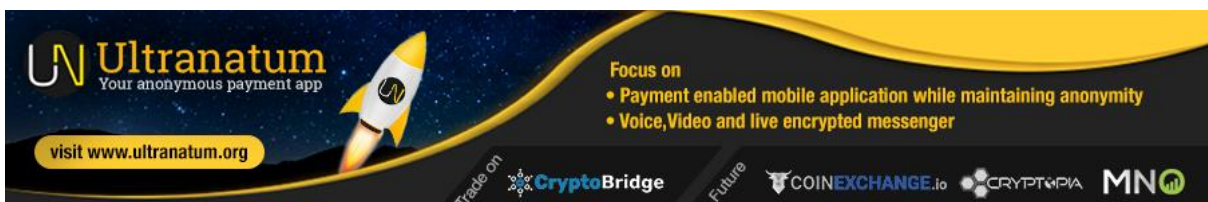
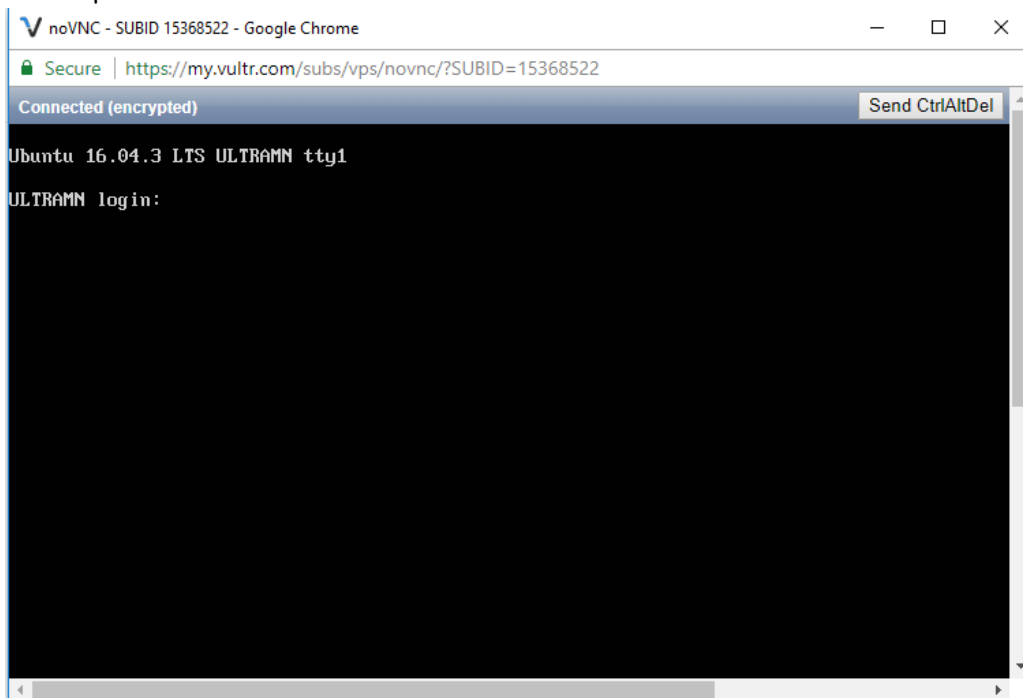




For more info check our [website](#) and [discord](#) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)



It will open another tab













For more info check our [website](#) and [discord channel](#)  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

Your Ubuntu server is live and ready to go!

You will need your login which is by default: root

You will next need your password, log back into Vultr or if you have it open click on your server, click on the  icon to see your password, enter it and hit enter to login.

<b>Bandwidth Usage</b> 0.25GB/1000GB	<b>CPU Usage</b> 5% 	<b>Current Charges</b> \$0.13
Location:  Tokyo IP Address:   Username: root Password:   	CPU: 1 vCore RAM: 1024 MB Storage: 25 GB SSD Bandwidth: 0.25 GB of 1000 GB	Label: ULTRAMN Tag: <a href="#">[Click here to set]</a> OS: Ubuntu 16.04 x64





For more info check our [website](#) and [discord](#) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

```
noVNC - SUBID 15368522 - Google Chrome
Secure | https://my.vultr.com/subs/vps/novnc/?SUBID=15368522
Connected (encrypted) Send CtrlAltDel
Ubuntu 16.04.3 LTS ULTRAMN tty1
ULTRAMN login: root
Password:
Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.4.0-109-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

118 packages can be updated.
49 updates are security updates.

root@ULTRAMN:~# _
```

Your server is logged in and ready to go.

## Ubuntu Server Setup

Enter the next two lines to update the console and get some packages.

Sudo apt-get update (updates Ubuntu)





For more info check our [website](#) and [discord channel](#)  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

Apt-get upgrade (Upgrades any packages)

If there is any prompts press (Y) yes to accept updates/download.

Apt-get install nano-y (this is a text editor, so we can change the config file later)

Next type:

wget <https://github.com/ultranatum/ultranatum/releases/download/1.0.0.1/ultranatumcore-1.0.0.1-linux64.tar.gz>

```
resolving github.com (github.com)... 192.30.255.113, 192.30.255.112
connecting to github.com (github.com)|192.30.255.113|:443... connected.
HTTP request sent, awaiting response... 302 Found
location: https://github-production-release-asset-2e65be.s3.amazonaws.com/130400955/08f4e61c-46f7-11e8-9e6e-2d137694a868?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSUEH53A%2F20180503%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20180503T07:52:18Z&X-Amz-Expires=300&X-Amz-Signature=420de0c66aeb8d0bf1775b439cbda382cfe7ad96242305b7555e30d2f0c973d&X-Amz-SignedHeaders=host&actor_id=0&response-content-disposition=attachment%3B%20filename%3Dultranatumcore-1.0.0.1-linux64.tar.gz&response-content-type=application%2Foctet-stream [following]
-2018-05-03 07:52:18-- https://github-production-release-asset-2e65be.s3.amazonaws.com/130400955/08f4e61c-46f7-11e8-9e6e-2d137694a868?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSUEH53A%2F20180503%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20180503T07:52:18Z&X-Amz-Expires=300&X-Amz-Signature=420de0c66aeb8d0bf1775b439cbda382cfe7ad96242305b7555e30d2f0c973d&X-Amz-SignedHeaders=host&actor_id=0&response-content-disposition=attachment%3B%20filename%3Dultranatumcore-1.0.0.1-linux64.tar.gz&response-content-type=application%2Foctet-stream
resolving github-production-release-asset-2e65be.s3.amazonaws.com (github-production-release-asset-2e65be.s3.amazonaws.com)... 2.216.21.11
connecting to github-production-release-asset-2e65be.s3.amazonaws.com (github-production-release-asset-2e65be.s3.amazonaws.com)|2.216.21.11|:443... connected.
HTTP request sent, awaiting response... 200 OK
length: 26165955 (25M) [application/octet-stream]
saving to: âĈĵultranatumcore-1.0.0.1-linux64.tar.gzâĈĵ

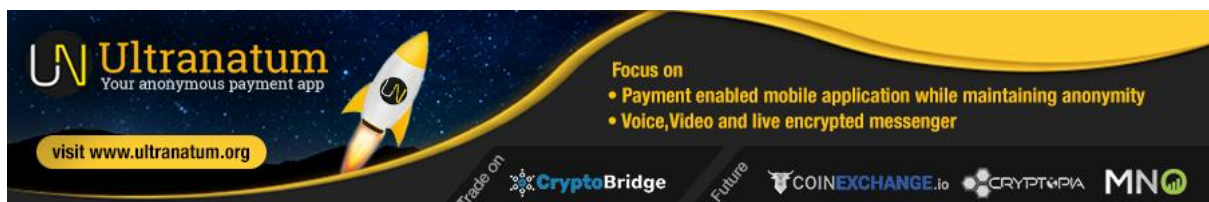
ultranatumcore-1.0.0.1-linux64. 100%[=====] 24.95M 1.06MB/s in 48s

2018-05-03 07:53:07 (536 KB/s) - âĈĵultranatumcore-1.0.0.1-linux64.tar.gzâĈĵ saved [26165955/26165955]

root@ULTRAMN:~#
```

Next type:

Tar xzvf ultranatumcore-1.0.0.1-linux64.tar.gz







For more info check our [website](#) and [discord](#) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

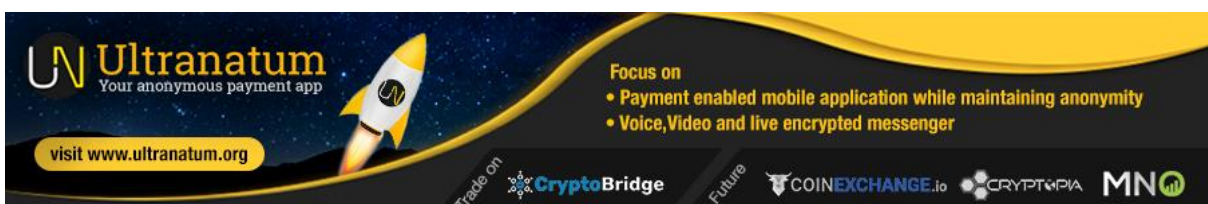
```
root@ULTRAMN:~# tar xzvf ultratumcore-1.0.0.1-linux64.tar.gz
ultranatumcore-1.0.0.1/
ultranatumcore-1.0.0.1/bin/
ultranatumcore-1.0.0.1/bin/test_ultranatum
ultranatumcore-1.0.0.1/bin/ultranatum-cli
ultranatumcore-1.0.0.1/bin/ultranatumd
ultranatumcore-1.0.0.1/bin/ultranatum-qt
ultranatumcore-1.0.0.1/bin/ultranatum-tx
ultranatumcore-1.0.0.1/include/
ultranatumcore-1.0.0.1/include/bitcoinconsensus.h
ultranatumcore-1.0.0.1/lib/
ultranatumcore-1.0.0.1/lib/libbitcoinconsensus.so
ultranatumcore-1.0.0.1/lib/libbitcoinconsensus.so.0
ultranatumcore-1.0.0.1/lib/libbitcoinconsensus.so.0.0.0
root@ULTRAMN:~#
```

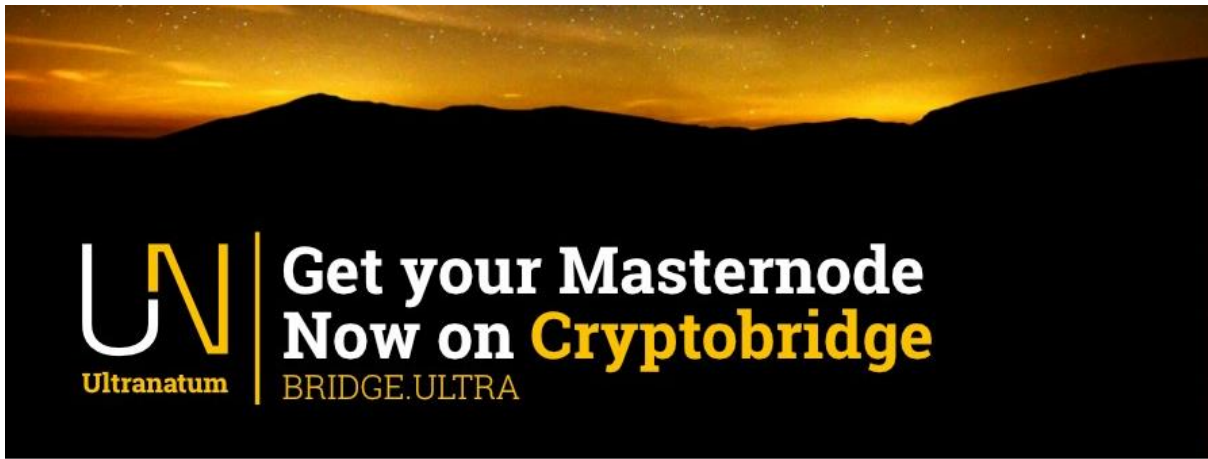
## Masternode Setup on Local Wallet

Now it is time to swap back to the Windows machine where your local wallet is, the required coins for your MN is 1,000. Your wallet should have the available balance below:

Balances	
Available:	1 016.49 ULTRA
Pending:	0.00 ULTRA
<b>Total:</b>	<b>1 016.49 ULTRA</b>

We need to send that 1k coins to your MN wallet so please follow the below:





For more info check our [website](http://www.ultranatum.org) and [discord channel](https://discord.gg/NTWye2V)  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

Ultratum Core - Wallet

File Settings Tools Help

Overview Send Receive Transactions Masternodes

Use this form to request payments. All fields are optional.

Label:

Amount:  ULTRA

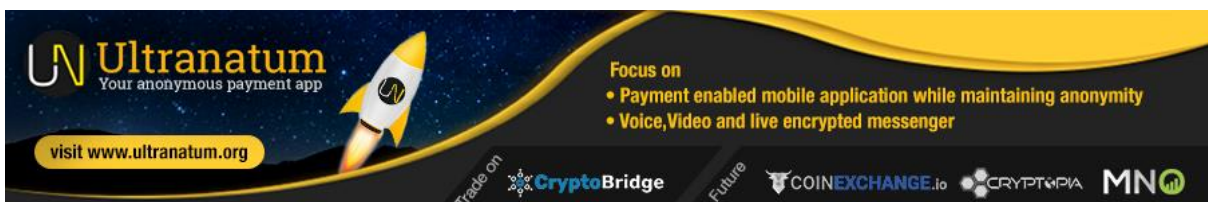
Message:

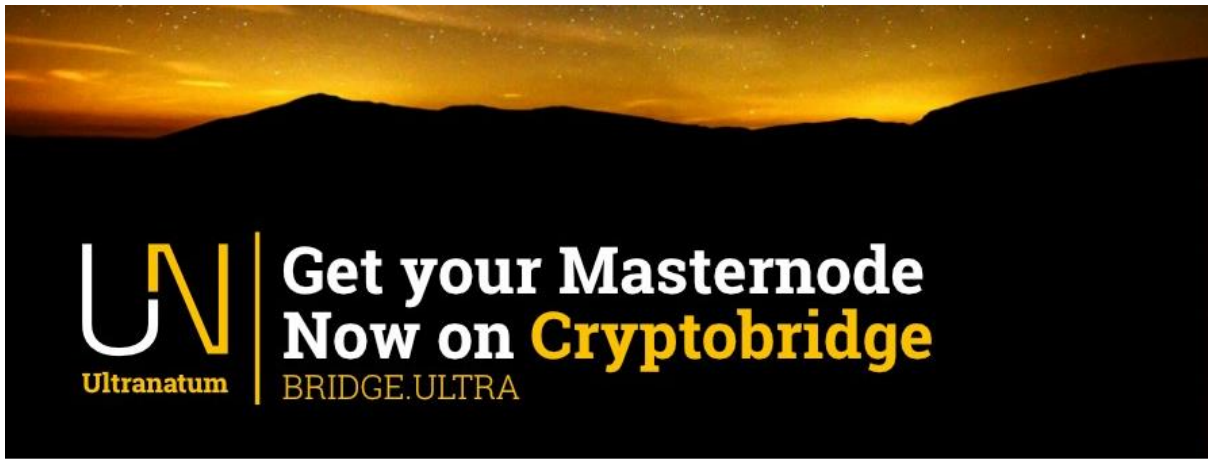
Reuse an existing receiving address (not recommended)

Request InstantSend

Name this MN1 (2,3,4 whatever you are up too) the amount is 1000 ULTRA and you do not need to set a message.

Hit request payment





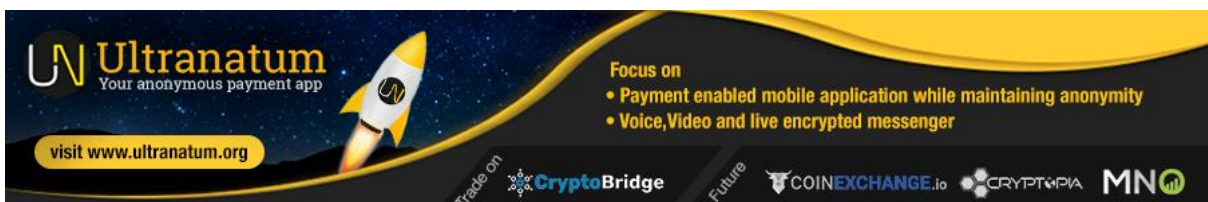
For more info check our [website](http://www.ultranatum.org) and [discord](https://discord.gg/NTWye2V) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)



Copy the address

Go to the SEND tab and send 1K Ultra to that address.

Next WAIT 15 confirmations





For more info check our [website](#) and [discord](#) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

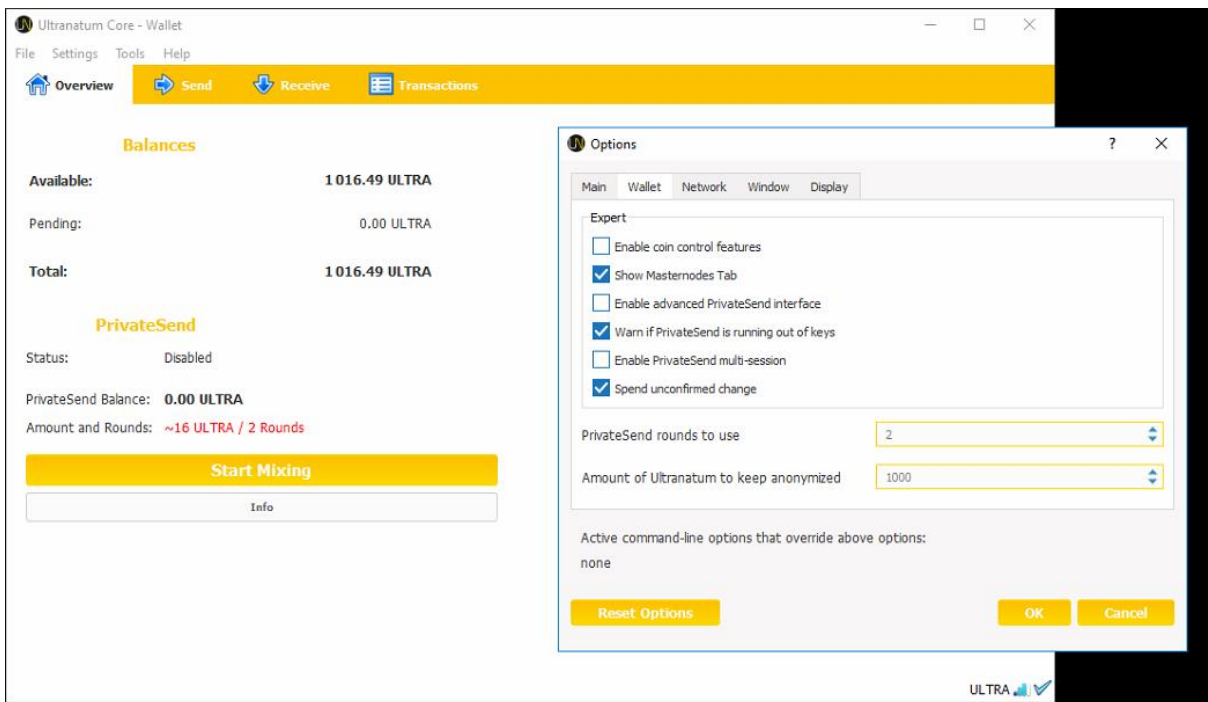
4/05/2018 01:07

MN1

Confirmed (555 confirmations)  
Mined

Once it has hit 15 confirmations

Next enable the Masternode tab, Options > Wallet > Show Masternode Tab (we need this soon)



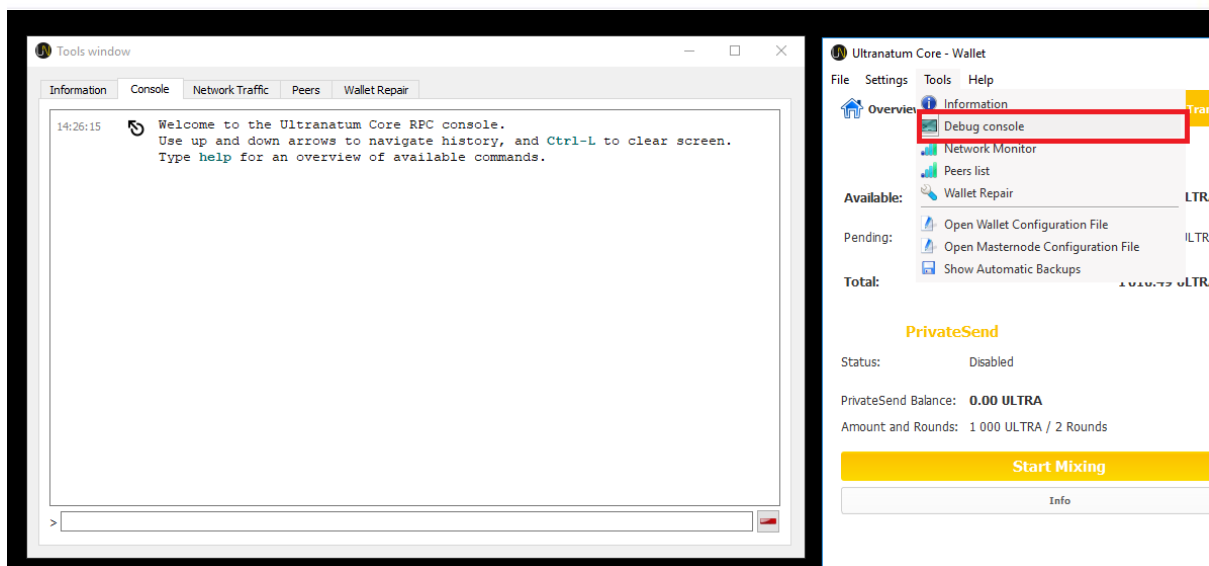
Next, we need to open debug, click Tools > Debug console







For more info check our [website](http://www.ultranatum.org) and [discord](https://discord.gg/NTWye2V) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)



Enter

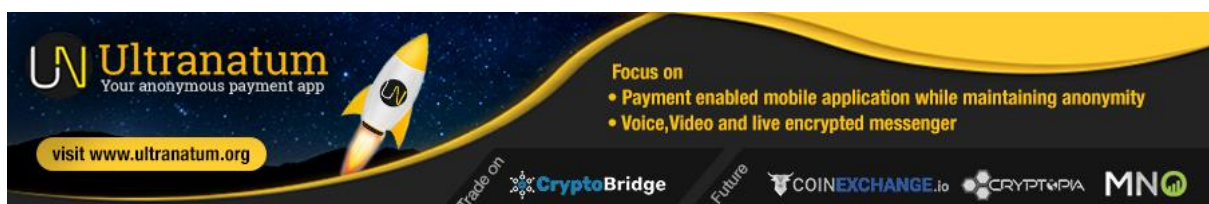
Masternode genkey (all lower case)

Masternode outputs (all lower case)

**COPY AND SAVE TO NOTEPAD FILE**

Do not show or give these out, I will not include screenshot just copy the text.

Next jump back on the Vultr Ubuntu Server





For more info check our [website](#) and [discord](#) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

[Ultratum.conf](http://Ultratum.conf)

We want to be on the root line:

```
noVNC - SUBID 15368522 - Google Chrome
Secure | https://my.vultr.com/subs/vps/novnc/?SUBID=15368522
Connected (encrypted) Send CtrlAltDel
Ubuntu 16.04.3 LTS ULTRAMN tty1
ULTRAMN login: root
Password:
Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.4.0-109-generic x86_64)

* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:       https://ubuntu.com/advantage

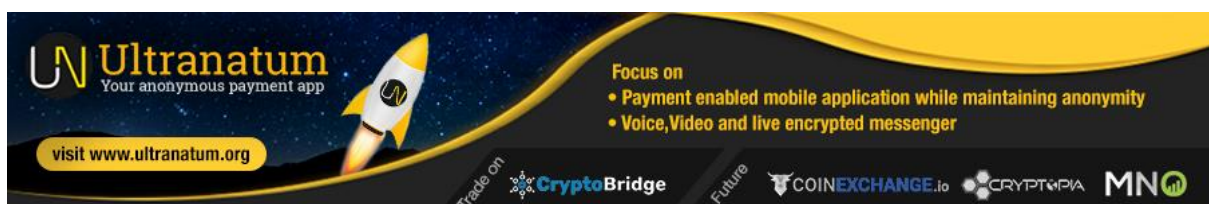
118 packages can be updated.
49 updates are security updates.

root@ULTRAMN:~# _
```

We enter:

Nano `.ultranatumcore/ultrantum.conf`

Press control key + o





For more info check our [website](#) and [discord](#) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

This lets us edit the text and we must enter the below, the user/pass field don't matter:

```
GNU nano 2.5.3 File: .ultranatumcore/ultra.conf
rpcallowip=127.0.0.1
rpcuser=USERNAME
rpcpassword=PASSWORD
staking=1
server=1
listen=1
port=23654
masternode=1
masternodeaddr=VPS IP : YOUR IPHERE
```

rpcallowip=127.0.0.1

rpcuser=ULTRAMN (choose your username)

rpcpassword=PASSWORD (choose your password)

staking=1

server=1

listen=1

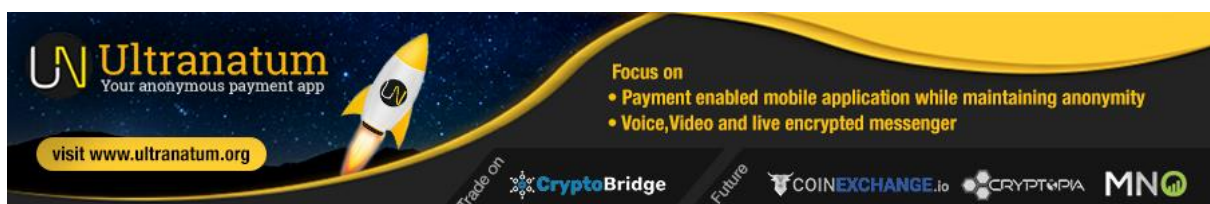
port=23654

masternode=1

masternodeaddr=**192.168.0.1**:23654

externalip=**192.168.0.1**:23654

masternodeprivkey=**MNGENKEY**





For more info check our [website](#) and [discord](#) channel

[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

192.168.0.1 is an example this needs to be your VPSIP found in the same location as your vultr password section.

MNGENKEY is the key from Debug Console you should have saved, write it out, double check it.

Once done

ctrl + x to exit

enter y too save

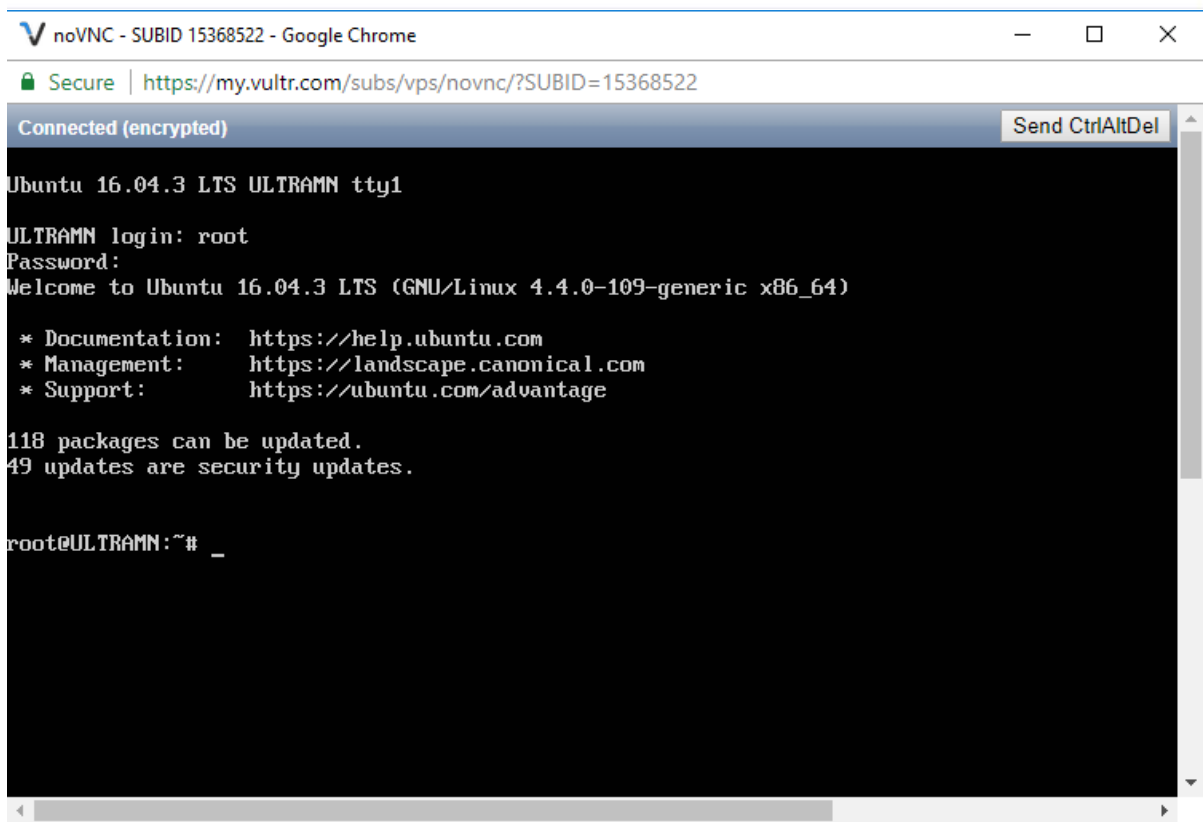
Back too root line:







For more info check our [website](http://www.ultranatum.org) and [discord](https://discord.gg/NTWye2V) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)



Close local wallet on windows machine

Back too Windows wallet

Back on your Windows machine:

Close the wallet, then re-open the wallet (let it sync)

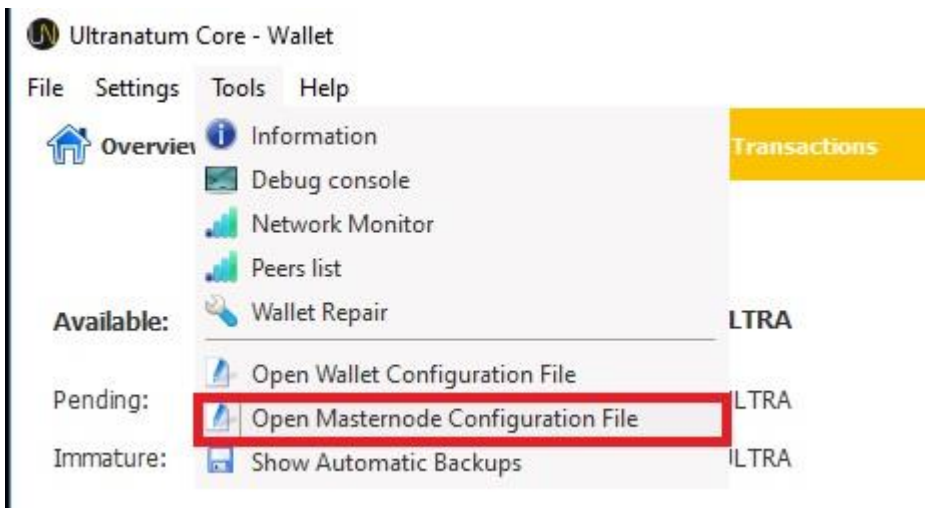
Click Tools



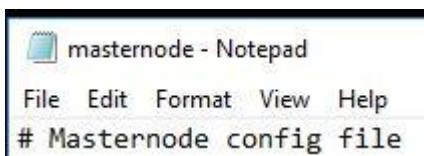


For more info check our [website](http://www.ultranatum.org) and [discord](https://discord.gg/NTWye2V) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

Click Open Masternode Configuration Files



Remove all the lines with # and enter your info like the below example

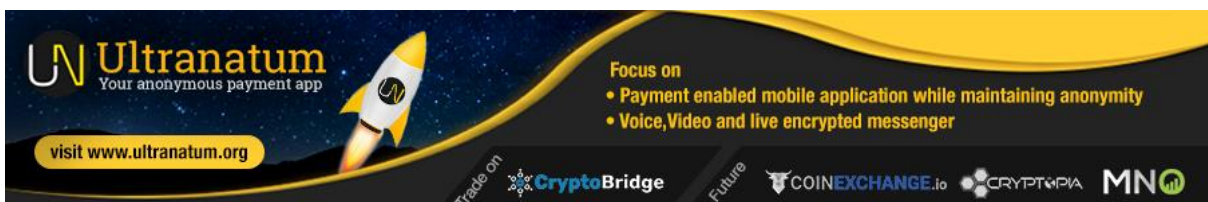


Example: mn1 **127.0.0.1**:23654 U3HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64xiqgX37tGBDQL8Xg  
2bcd3c84c84f87eaa86e4e56834c92927a07f9e18718810b92e0d0324456a67c 0

Change IP too VSIP address and add in your other information from the commands from Debug before.

Click File > Save

Close the wallet then re-open, it will re-sync YOU MUST WAIT.





For more info check our [website](#) and [discord](#) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

Back onto the Vultr server

```
noVNC - SUBID 15368522 - Google Chrome
Secure | https://my.vultr.com/subs/vps/novnc/?SUBID=15368522
Connected (encrypted) Send CtrlAltDel
Ubuntu 16.04.3 LTS ULTRAMN tty1
ULTRAMN login: root
Password:
Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.4.0-109-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

118 packages can be updated.
49 updates are security updates.

root@ULTRAMN:~# _
```

Start the server with your config file all setup by typing:

```
ultranatumcore-1.0.0.1/bin/ultranatumd -daemon
```

Back onto Windows PC

Open Debug Console

Type:





For more info check our [website](#) and [discord](#) channel  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

masternode start-alias MN1

```
Tools window
Information Console Network Traffic Peers Wallet Repair
19:04:42 Welcome to the Ultratum Core RPC console.
          Use up and down arrows to navigate history, and Ctrl-L to clear sc:
          Type help for an overview of available commands.
19:08:37 masternode start-alias MN1
19:08:37 {
          "alias": "MN1",
          "result": "successful"
        }
```

Will show successful

Back too server

Run command - ultratumcore-1.0.0.1/bin/ultranatum-cli masternode status

```
root@ULTRAMN:~# ultratumcore-1.0.0.1/bin/ultranatum-cli masternode status
{
  "vin": "CTxIn(COutPoint(0a22e24356e2bba4ada75d62d7c2470d9238c704d420937aa130d84e5fafbfb, 1), scriptSig=)",
  "service": "207.148.95.135:23654",
  "payee": "UbhEW2Pgus4mekcKap1BtAom1BWQoedX",
  "status": "Masternode successfully started"
}
root@ULTRAMN:~#
```

Node done.

Then rewards come.







For more info check our [website](#) and [discord channel](#)  
[www.ultranatum.org](http://www.ultranatum.org) | [discord.gg/NTWye2V](https://discord.gg/NTWye2V)

You can check on the status of the node in the MN tab:

Ultratum Core - Wallet

File Settings Tools Help

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 masternode should be running but you still do not see "ENABLED" in "Status" field.

Alias	Address	Protocol	Status	Active	Last Seen	Payee
MN1	[Redacted]	70208	PRE_ENABL...	00m:00s	2018-05-03 19:08	UbhEW2PgreUs4mekcKAp1BtAom1BWQ...

Start alias Start all Start MISSING Update status Status will be updated automatically in (sec): 22

ULTRA

20 mins or so and it will be enabled then payouts start coming 😊

If this was helpful, you can buy me a beer!

Credit also too: bebXbpb

BTC: 1LeQbX4VGspyUWt9VLGH7M3GDvaBgMYM23

