

# RipoffCoin Version X



## RipoffCoin Masternode Setup Guide

This guide will walk you through the steps needed to get your RipoffCoin masternode setup and running. You will need a QT wallet running on your local machine with at least 20000 RipoffCoin + enough for a transaction fee and a Linux Ubuntu 16.04 VPS (Virtual Private Server).

[Time4VPS Setup Steps](#)

[Masternode Setup Steps](#)

I use Time4VPS (<https://billing.time4vps.eu/?affid=1984>) as i've found them cheapest but any of your other favourite providers work! You only need what is typically the smallest VPS so 1 CPU, >512MB RAM, 20GB storage and 1TB bandwidth will be plenty. Rent the server, follow the instructions from your provider or the guides below for time4vps and vultur to get the OS installed then make a note of the IP address, username and password for the server - we will need that in a bit. The following takes you step by step setting up a linux VPS from Time4VPS as people have been asking how to do this

# Time4VPS Setup Steps

Go to <https://billing.time4vps.eu/?affid=1984> and set up an account, then go to the “Dashboard” and the page will look something like this but without any service listed - I use this account quite a lot for various things. Click on “order new service” in red on the right.

The screenshot shows the Time4VPS dashboard interface. On the left is a vertical navigation menu with options: Dashboard, Services, Invoices, Account, Support, Affiliates, and Status Updates. The main content area is titled "Dashboard" and includes a welcome message, an affiliate bonus of 0.00 EUR, and four action cards: Invoices, Tickets, Account, and Order new service (highlighted in red). Below these is a "Services" section with a table listing active VPS services. At the bottom, there are status indicators for Support Tickets, Invoices, and Invoices Due.

Service	Status	Price	Billing Cycle	Next Due Date	Action
All services (20) VPS - M 42993.s.time4vps.cloud	Active	22.44 EUR	Semi-Annually	2018-02-22	Manage
VPS (20) VPS - M 43000.s.time4vps.cloud	Active	22.44 EUR	Semi-Annually	2018-02-22	Manage
VPS - M 43001.s.time4vps.cloud	Active	22.44 EUR	Semi-Annually	2018-02-22	Manage
VPS - M 43002.s.time4vps.cloud	Active	22.44 EUR	Semi-Annually	2018-02-22	Manage

Previous 1 of: 5 Next

Support Tickets    OPEN TICKETS 0    Invoices    INVOICES DUE 0

This will take you to a screen like this one - in this guide i'm buying a short term server just as an example, but you should pick how long you want the server for your masternode for as the rental gets cheaper per month the longer you rent for. Pick how long you want to rent for from the “choose billing cycle” drop down list in the “XS” section, then click “continue”

The screenshot shows the TIME4VPS website interface. On the left is a main menu with icons for Dashboard, Services, Invoices, Account, Support, Affiliates, and Status Updates. The top header includes the TIME4VPS logo and navigation links for VPS, Storage VPS, Licenses, DNS, Reseller API, and Product addons. The main content area displays five server configurations, each with a 'Continue' button. Each configuration includes a 'Choose billing cycle' dropdown menu.

Server Type	CPU	RAM	HDD	Bandwidth	Port speed	Backups	Virtualization	Price (per month)
<b>XS</b>	1 x 2.40 GHz	512 MB	20 GB (100 IOPS)	1 TB	100 Mbps	Daily, Weekly	OpenVZ	3.99 EUR
<b>S</b>	1 x 2.40 GHz	1024 MB	40 GB (100 IOPS)	2 TB	100 Mbps	Daily, Weekly	OpenVZ	4.99 EUR
<b>M</b>	2 x 2.40 GHz	2048 MB	80 GB (200 IOPS)	4 TB	200 Mbps	Daily, Weekly	OpenVZ	7.49 EUR
<b>L</b>	3 x 2.40 GHz	4096 MB	160 GB (300 IOPS)	8 TB	300 Mbps	Daily, Weekly	OpenVZ	12.49 EUR
<b>XL</b>	4 x 2.40 GHz	8192 MB	320 GB (400 IOPS)	16 TB	400 Mbps	Daily, Weekly	OpenVZ	22.49 EUR

This will take you to a screen that looks like this, don't tick any of the check boxes just click continue

TIME4VPS  
TIME FOR YOUR PERSONAL SERVER

MAIN MENU

- Dashboard
- Services
- Invoices
- Account
- Support
- Affiliates
- Status Updates

### Order Summary

Description	Price
VPS - XS	3.99 EUR Monthly
<a href="#">[Edit Configuration]</a> <a href="#">[Remove]</a>	
Subtotal:	3.99 EUR
United Kingdom VAT 20%:	0.80 EUR
<b>Total:</b>	<b>4.79 EUR</b>

### Choose payment method

Credit Card / WebMoney / Bank Transfer  PayPal  Bitcoins

### Client Information

First Name	Neil	Last Name	Birtles
Email Address	neilbirtles@gmail.com	Address 1	17 Decouttere Close, Church Crookham
City	Fleet	State	*Not Applicable
Postal Code	GU52 0UR	Country	United Kingdom
Mobile Phone Number	447900215106		

### Notes / Additional Information

I have read and accepted [Terms of Service](#), [Privacy Policy](#) and [Refund Policy](#)

**Checkout**

This will take you to this screen, just tick the terms and conditions checkbox and then “checkout”

TIME4VPS  
TIME FOR YOUR PERSONAL SERVER

MAIN MENU

- Dashboard
- Services
- Invoices
- Account
- Support
- Affiliates
- Status Updates

### XS

- CPU: 1 x 2.40 GHz
- RAM: 512 MB
- HDD: 20 GB (100 IOPS)
- Bandwidth: 1 TB
- Port speed: 100 Mbps
- Backups: Daily, Weekly
- Virtualization: OpenVZ

### Product Configuration

Choose billing cycle: 3.99 EUR Monthly

### Addons

The following addons are available for this product.

- Additional IP (1 additional IPv4 address) 19.99 EUR Once
- DirectAdmin (Can be ordered only with new VPS) 19.99 EUR Once

### Cart summary

VPS - XS Monthly 3.99 EUR

**Use promotional code**

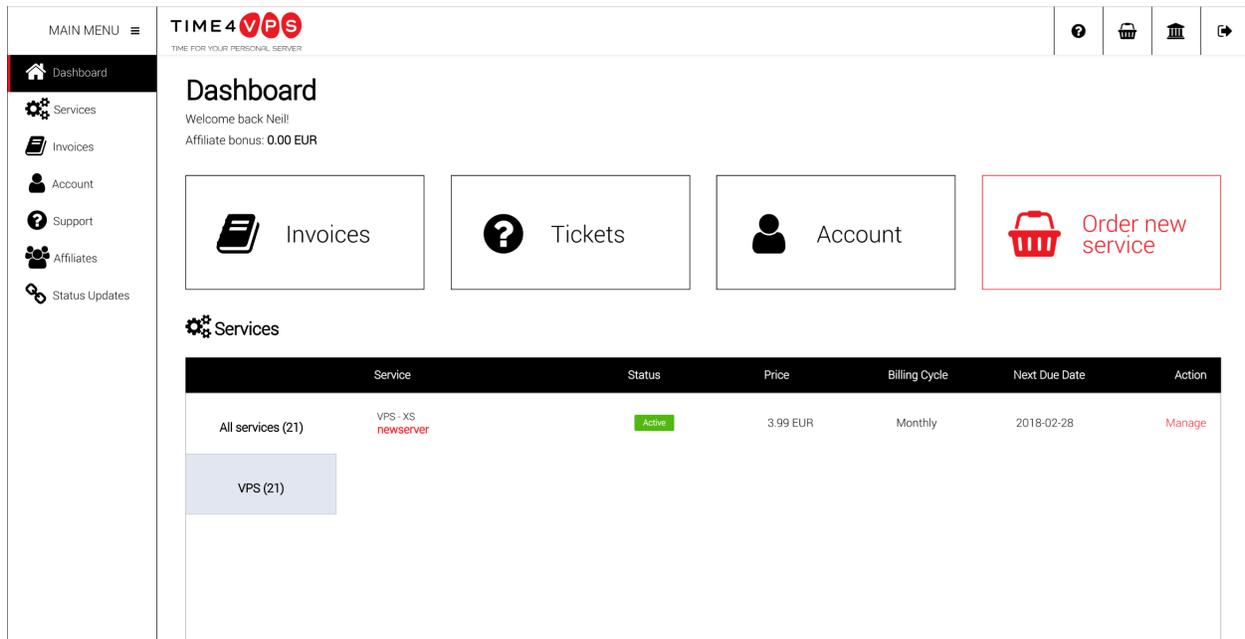
Cart subtotal today: 3.99 EUR

**Continue**

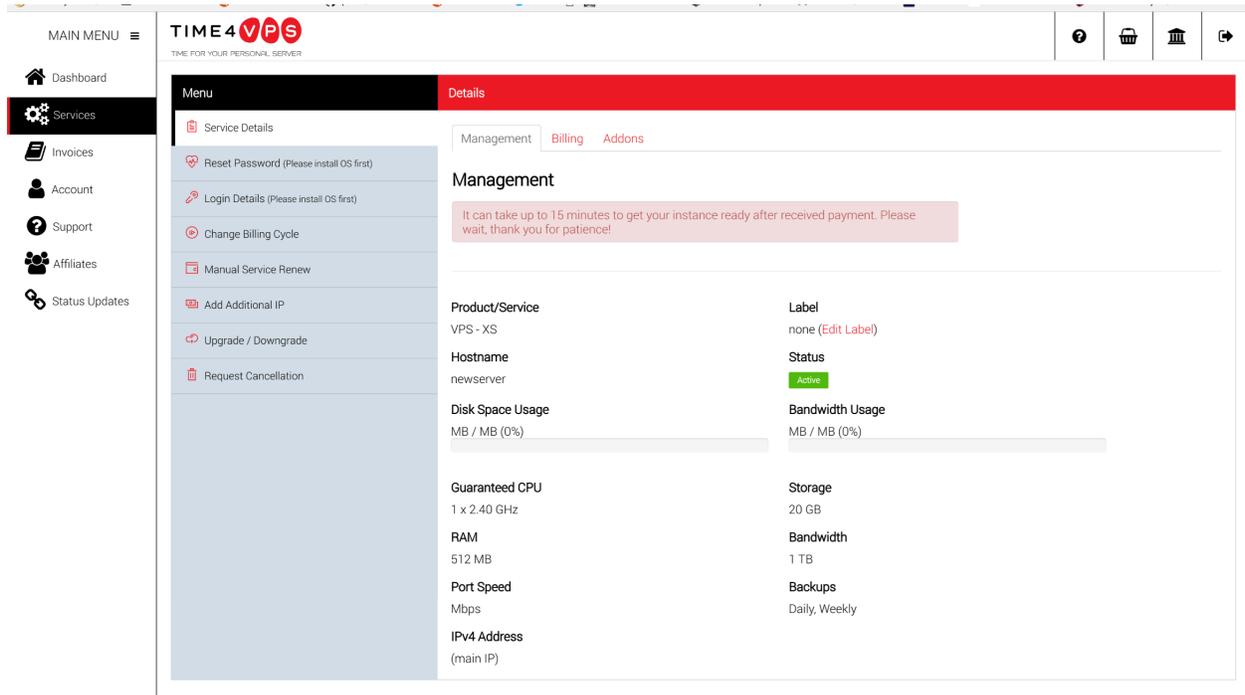
This will take you to the following screen that confirms your order, you now have to pay for it, click on the red “submit payment” link

Now select how you want to pay from the dropdown on the right and pay for your order

There is no link to get back to the start page from here so just type in the web address or click the link above again to get you back to the home page which should now look something like this. Your VPS will be listed as “newserver”, click on “manage”



This will take you to a screen like this - now you will have to wait for the server to be provisioned for you - as it says this can take up to 15 min. Come back and check the page to see when its ready. When it is it will look like the next screen shot



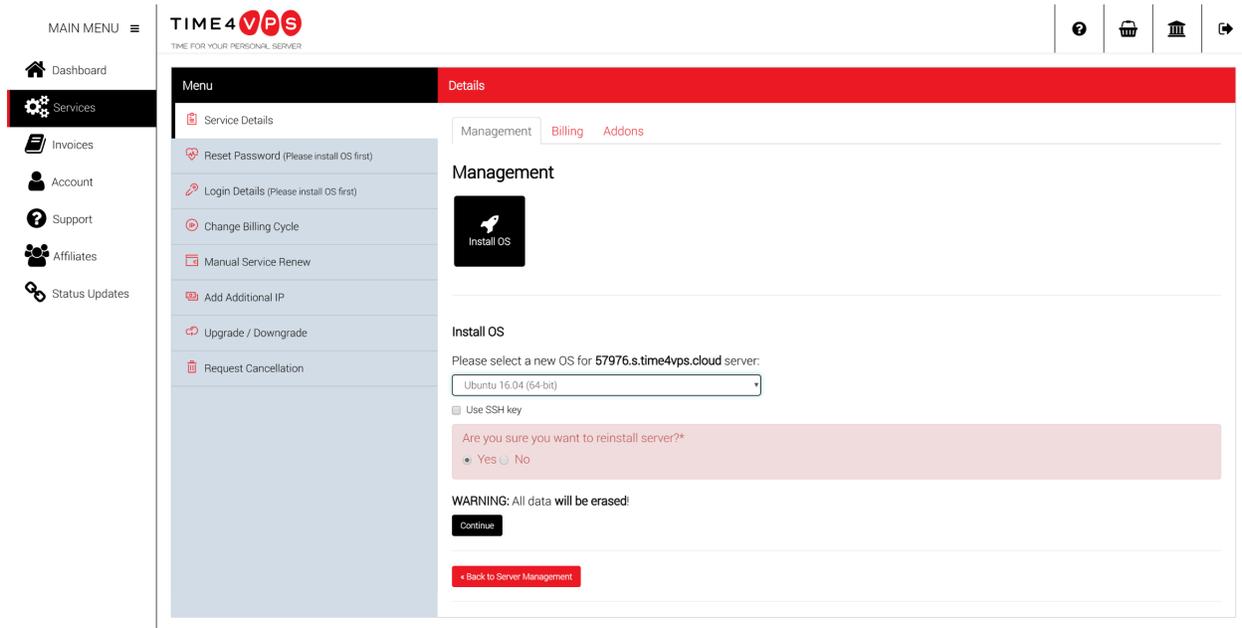
When the server has been provisioned it will look like this. Now click the “install os” button

The screenshot displays the TIME4 VPS dashboard. On the left is a sidebar menu with options: Dashboard, Services (selected), Invoices, Account, Support, Affiliates, and Status Updates. The main content area is titled 'Menu' and 'Details'. Under 'Menu', there are several service management options: Service Details, Reset Password, Login Details, Change Billing Cycle, Manual Service Renew, Add Additional IP, Upgrade / Downgrade, and Request Cancellation. The 'Details' section is divided into 'Management', 'Billing', and 'Addons' tabs. The 'Management' tab is active, showing an 'Install OS' button. Below this, the service specifications are listed in two columns:

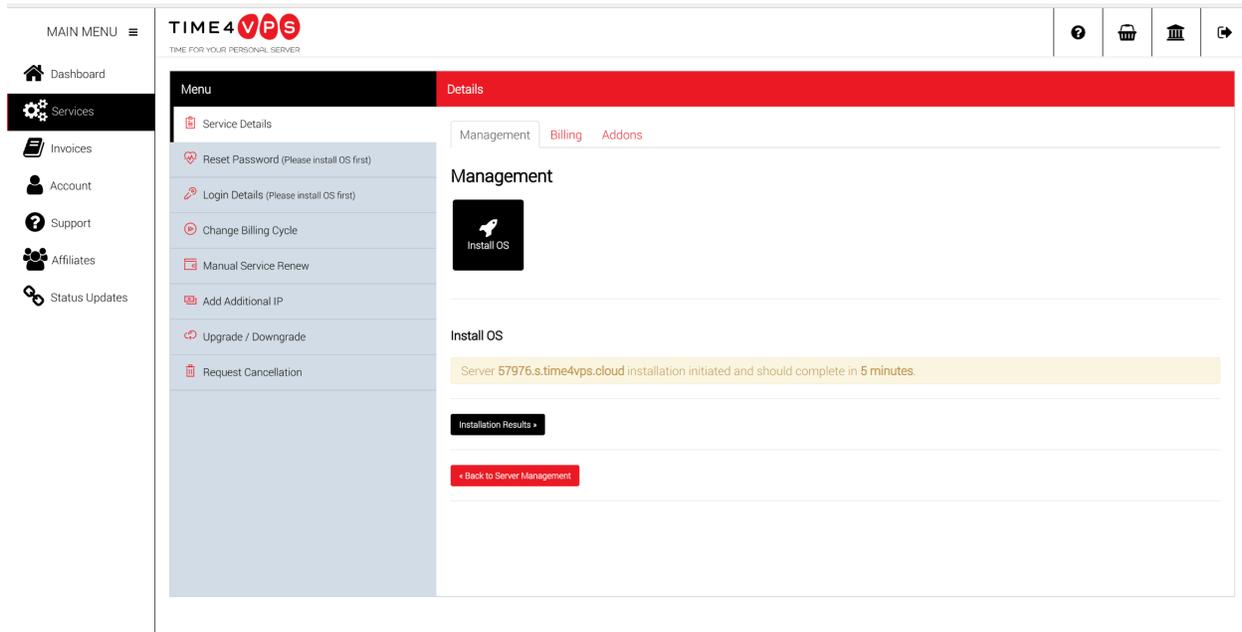
Product/Service	Label
VPS - XS	none (Edit Label)
Hostname	Status
57976.s.time4vps.cloud	Active
Disk Space Usage	Bandwidth Usage
132 MB / 20480 MB (0%)	0 MB / 1048576 MB (0%)
Guaranteed CPU	Storage
1 x 2.40 GHz	20 GB
RAM	Bandwidth
512 MB	1 TB
Port Speed	Backups
100 Mbps	Daily, Weekly
IPv4 Address	
89.47.164.126 (main IP)	

At the bottom, there are two empty charts labeled 'Traffic' and 'I/O'. A status bar at the bottom left reads 'Waiting for va.tawk.to...'.

This will take you to a screen that look like this - select “Ubuntu 16.04 (64 bit)” from the drop down and check the “yes” checkbox as per the picture below. Then click “continue”



This will take you to a screen like this whilst the OS is installed



Refresh the page or click “installation results” to see progress. Once its installed you will get a page like below. This has your IP address shown on it - write this down - you will need it later. Now click on “login details” to get your password

The screenshot shows the TIME4 VPS dashboard. The left sidebar contains a 'MAIN MENU' with options: Dashboard, Services, Invoices, Account, Support, Affiliates, and Status Updates. The 'Services' menu is expanded, showing options like 'Reset Password', 'Login Details', 'Change Billing Cycle', etc. The main content area is titled 'Details' and has tabs for 'Management', 'Billing', and 'Addons'. The 'Management' tab is active, showing an 'Install OS' button and a list of specifications:

Product/Service	Label
VPS - XS	none ( <a href="#">Edit Label</a> )
Hostname	Status
57976.s.time4vps.cloud	Active
Disk Space Usage	Bandwidth Usage
132 MB / 20480 MB (0%)	0 MB / 1048576 MB (0%)
Guaranteed CPU	Storage
1 x 2.40 GHz	20 GB
RAM	Bandwidth
512 MB	1 TB
Port Speed	Backups
100 Mbps	Daily, Weekly
IPv4 Address	
89.47.164.126 (main IP)	
Traffic	I/O

That takes you to a screen like below, where you can click where it says “click here to show password” to get your password. Write that down as well as again you will need it in a minute. That's it your VPS is set up and ready to go!

The screenshot shows the TIME4 VPS dashboard with the 'Login Details' tab active. The 'Username' is 'root' and the 'Password' field is empty with a red link that says 'Click here to show password'.

## Masternode Setup Steps

At the QT wallet (i.e. the RipoffCoin wallet on your local computer) first make sure your masternode tab is showing and coin control is enabled. It should be by default for RipoffCoin but if not then go to Settings | Options | Wallet and tick the “show masternodes tab” checkbox and the “Enable coin control features” checkbox, click ok and then restart the wallet. When it opens up again you will have a new tab to the right of transactions called masternodes.

Now create the collateral address for your masternode - this is where your coins for the masternode will be stored. Click the Receive tab then enter a label - can be whatever you like - but i start with MN1 in case i get more than one up! Everything else can be left blank and then press “request payment” then click “copy address” and then “close”.

Now send the coins to your newly created collateral address. Click the Send tab, paste the address you just copied into the “pay to” box and the label you created for it will appear in the label box underneath. Type 20000 into the amount box and make sure the “subtract fee from amount” checkbox is not checked as you need exactly 20000 going to this address in exactly one transaction. Then click send, type in your password as required and confirm the send. You can check this has worked by clicking the “inputs” button on the send tab and you should see you labeled address there will 20000 RipoffCoin in it. Now we need to wait for 15 confirms on this transaction before we can start the masternode so we have time to set the rest up.

We need to create the entry in the local masternode configuration file first. So click Tools | Open Masternode Configuration File, and you will get a file that has an example masternode config line in it. Any lines starting with a # are comments so this example is ignored. Follow the example and enter a name for your masternode - can be anything but i like to match it to the label for the address, then a space, then the IP address of your VPS you got earlier then a :37020 for the masternode port. So far the line should look something like (but with your info in it!)

```
MN1 80.123.123.123:37020
```

Now we need to generate a masternode private key and get the transaction ID of the transaction that we used to send out coins to our masternode address. So click Tools | Debug Console. In the console window that comes up type “masternode genkey” without the quotes and press enter. That will output two lines, the first is the command you typed in and the second is the masternode private key. Copy that and paste it into the masternode configuration file after IP address and port entry with a space in between. So the line in the masternode config file now looks something like

```
MN1 80.123.123.123:37020 7rcm1p3p2JHVMDrKQCK4fadzJUUGcE736eP1j3dTyo3tc2tgfdSc
```

Now in the console again type “masternode outputs” again without the quotes. This will output the command you typed and a transaction ID and a number (usually 0 or 1) that shows the position of the transaction in the block. First copy the transaction id (without its quotes) and paste it after the masternode private key in the masternode configuration file with a space in between. Then add space after it and put in the number (again without quotes). The entry is now complete and will look something like (but all on one line)

```
MN1 80.123.123.123:37020 7rcm1p3p2JHVMDrKQCK4fadzJUUGcE736eP1j3dTYo3tc2tgfdSc
db3f56f42d813f57fe79083b8865bf3a31d0c5a821642f7ee9c799d614611f23 1
```

Now save, but don't close the masternode configuration file as we will need the masternode private key in it for our VPS.

Log in to your VPS, either through the console your providers gives you on their website or using a SSH programme such as PuTTY (<https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>) on windows or just use the command line to ssh in on linux or mac.

For PuTTY / windows type the IP address of your VPS into the Host Name box, leave the port as 22 and click open. You should be presented with a login prompt and type the username for your VPS and press enter, then type in the password for VPS and press enter. That should log you in.

For Linux / Mac open a command prompt and type “ssh username@ipaddress” without the quotes and press enter - where username is replaced by the username for your VPS and ipaddress is replaced by the ip address of your vps, for example ssh root@80.123.123.123. At the password prompt type in the vps password and press enter. That should log you in.

Now we need to install the masternode. First we need to update the VPS and install the dependencies. The ones below install all you need to build from source as well, but we won't be doing that in this guide

```
sudo apt install -y software-properties-common
```

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

```
sudo apt update && sudo apt upgrade -y
```

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

```
sudo apt install -y libevent-dev bsdmainutils libboost-all-dev libdb4.8-dev libdb4.8+-dev nano git
```

```
sudo apt install -y libminiupnpc-dev libzmq5
```

Now grab the RipoffCoin linux binaries by typing (hint you can copy from this guide and right click to paste in most linux shells, and you can auto complete options by typing the first part and then pressing tab to save typing!)

```
mkdir ripo && cd ripo
```

```
wget https://github.com/RipoffCoinDevTeam/ripoffcoinv2/releases/download/wtf.1.3.3.7/ripoffcoin-cli
```

```
wget https://github.com/RipoffCoinDevTeam/ripoffcoinv2/releases/download/wtf.1.3.3.7/ripoffcoind
```

Now make them executable by typing

```
chmod +x ripo*
```

Now create the RipoffCoin configuration file by typing

```
cd
```

```
mkdir .ripoffcoinv2 && nano .ripoffcoinv2/ripoffcoin.conf
```

In the file editor put the following into the file replacing the IP address with the one for your VPS and the masternodeprivkey with the private key we generated earlier (copy it from the masternode configuration file). The rpcuser and rpcpassword can be anything you want - don't copy mine! - but they must contain **no special characters**, only the basic english set or there will be errors thrown and things won't work properly

```
#mn1
```

```
rpcuser=mn1
```

```
rpcpassword=pOyOjhgRdghb34rvweFJ6
```

```
externalip=80.123.123.123:37020
```

```
masternode=1
```

```
masternodeprivkey=7rcm1p3p2JHVMDrKQCK4fadzJUUGcE736eP1j3dTYo3tc2tgfdSc
```

```
maxconnections=25
```

Now close and exit by typing ctrl-x then y then enter. Now start RipoffCoin by typing

```
ripo/ripoffcoind -daemon
```

Make sure it's running by typing (you will probably see an error about creating the wallet, that's ok it means it's running)

```
ripo/ripoffcoin-cli getinfo
```

Now wait until the masternode has synced up fully by typing

```
watch ripoff/ripoffcoin-cli mnsync status
```

This will update every two seconds and you need to wait till this shows 999 under the assetID section. Once it does exit the watch by typing ctrl-c. Now start watching the masternode status by typing

```
watch ripoff/ripoffcoin-cli masternode status
```

This should be something about the masternode not being in the masternode list. That's all good for the moment, now switch back to the QT wallet. Now check how many confirmations that the transaction that sent the 20000 coins has had by hovering over it with the mouse. If it has 15 or more confirmations then close the RipoffCoin QT wallet down, re-open it and wait for it to sync again. Now go to the masternode tab and click on the my masternodes sub tab. You should have a masternode in there that matches the configuration you put in the masternode configuration file, with the word "MISSING" for its status. Now click the "start MISSING" button, say yes you are sure, then type in your password and press enter. If everything has been set up right it will tell you you have successfully started your masternode and on the VPS the masternode will have changed status to "masternode successfully started". The status in the QT wallet will go to pre-enabled for 10 minutes or so then switch to enabled.

Congratulations you are now earning masternode rewards!

If you found this guide useful then feel free to donate:

RocWuv2ELAAEAZEF6EYDkbUnYmz7Q3Ee66