
WELCOME TO FUNDAMENTAL COIN (FDM)



WE ARE CONGRATULATIONS THAT WE ARE
ALL ELECTED.

Recommended to configure your Masternodes.

The wallet containing the coins does not have to be
exposed and can run on your local computer.
It does not have to work all the time and you are not
vulnerable to someone hacking your VPS
because all I can do when I do it is stop your MN,
but not your coins!



Configuration of the vps and your wallet:

Configuration of the vps and your desktop wallet that you can run on your local PC.

When the masternodes are connected, this portfolio can be closed and the PC does not have to run for the masternodes to generate rewards.

We will create an address, private key and transaction for each masternode (MN below) and we will show the necessary steps for the configuration.

Step : 1

<https://www.digitalocean.com/>
<https://www.vultr.com/>



The screenshot shows the DigitalOcean website. At the top, it says 'Droplets' with a circular icon. Below that, the heading 'Scalable compute services' is displayed in large white letters. Underneath, a paragraph describes Droplets as a scalable compute platform with add-on storage, security, and monitoring capabilities. At the bottom of the screenshot, there is a blue button labeled 'Create Account' which is highlighted with a yellow border, and a link to 'Play video'.

They have to register.

<https://www.vultr.com/>

<https://www.digitalocean.com/>

Step : 2

The screenshot shows the 'Billing Info' section of the Vultr dashboard. At the top, there are two tabs: '1 Verification' and '2 Project Goals'. Below the tabs, the heading 'Billing Info' is followed by a note: 'Add a payment method to your account. You will not be charged until you start using services. [Learn more about billing.](#)' There are two main options for payment: 'Credit / Debit Card' (selected) and 'PayPal'. Under 'Credit / Debit Card', there is a section 'ENTER CARD DETAILS' with a field for 'Número de tarjeta' and a label 'MM / AA CVC'. Below this is the 'BILLING ADDRESS' section with fields for 'First Name', 'Last Name', 'Street Address', 'City', 'State / Region', 'Postal Code', 'Country / Territory' (a dropdown menu), and 'Phone Number'. At the bottom of the form is a 'Save Card' button and a note '* All Fields Required'.

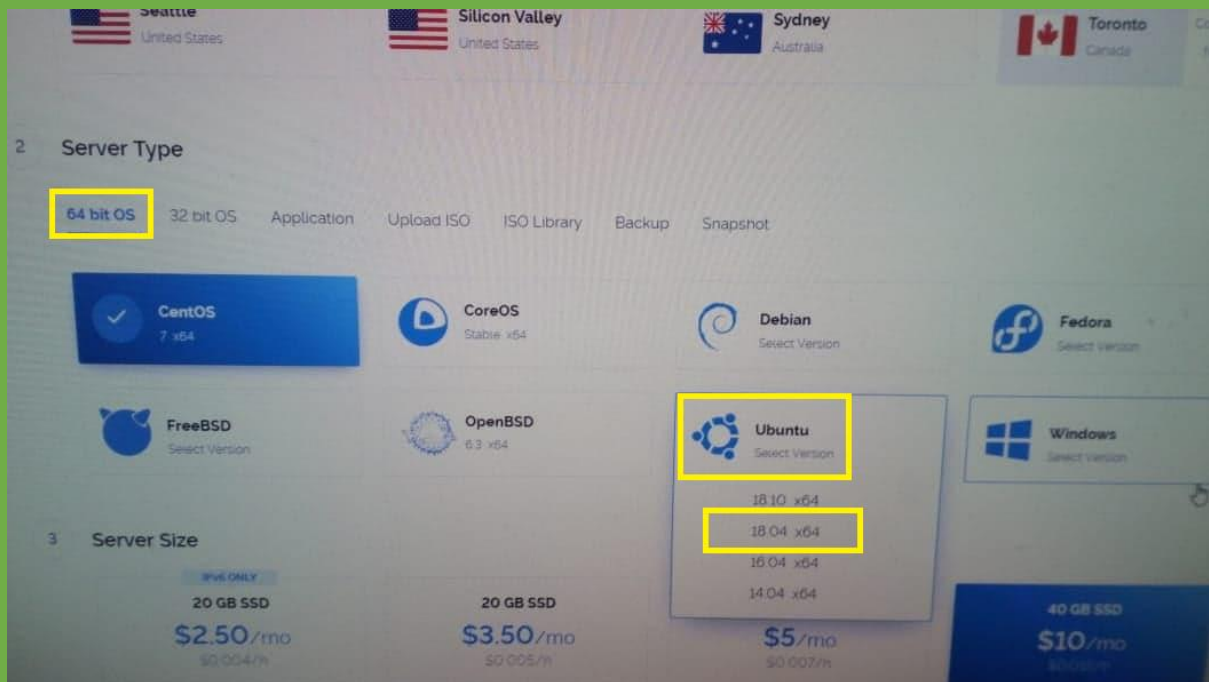
ENTER THE DATA OF YOUR CREDIT OR DEBIT CARD OR PAYPAL.

Step : 3

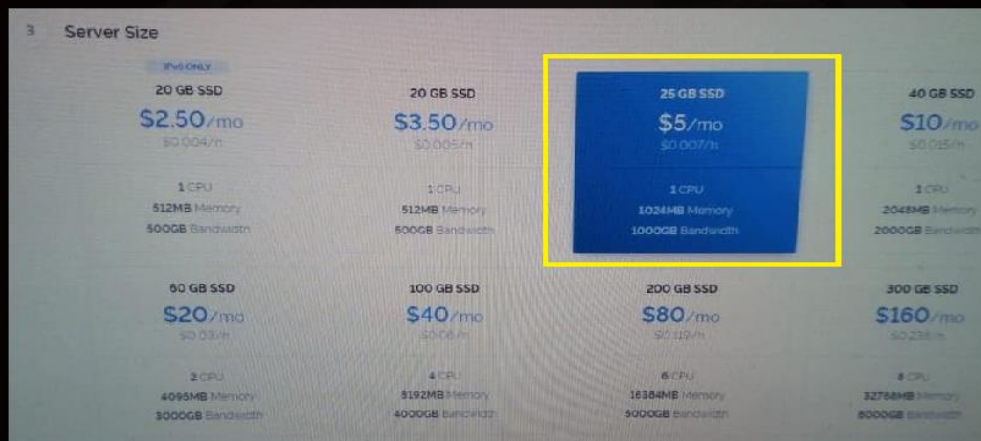
The screenshot shows the 'Deploy New Instance' screen in the Vultr dashboard. At the top, there are four tabs: 'Vultr Cloud Compute (VCC2)' (selected), 'Bare Metal Instance', 'Storage Instance', and 'Dedicated Instance'. Below the tabs, there is a 'Server Location' section with a dropdown menu 'All Locations' (highlighted with a yellow box) and a list of locations: Tokyo, Singapore, Amsterdam, Paris, Frankfurt, London, New York (NY), Chicago, Dallas, Atlanta, Los Angeles, Miami, Seattle, Silicon Valley, Sydney, and Toronto. A yellow arrow points to the 'Chicago' location. At the bottom, there is a 'Deploy Now' button (highlighted with a yellow box) and a price tag of '\$10.00 / month (\$0.00 / hour)'. The background of the screen shows a grid of server locations with flags and names.

THE STEPS ARE INTUITIVE, SELECT YOUR REGION AND THEN NEXT.

Step : 4



Step : 5



SELECT THAT SAME THAT MARKS THE IMAGE.

Step : 6

The screenshot shows a configuration page for a server. At the top, there is a '+ Add New' button. Below it, step 7 is 'Firewall Group (Manage)' with a 'No Firewall' button highlighted by a yellow box. Step 8 is 'Server Hostname & Label' with an input field 'Enter server hostname' highlighted by a yellow box. A red arrow points from the text 'EXAMPLE: FDM1 OR MN1' to this input field. At the bottom, a 'Summary' box shows '\$5.00 /mo' and '\$0.007 /hr', also highlighted by a yellow box. A 'Deploy Now' button is visible on the right.

EXAMPLE: FDM1 OR MN1
or whoever they want. we have everything
to start opening the vps window.

Let's go to our wallet

The screenshot shows a Bitcoin wallet interface. The 'Receive' tab is selected. It contains a form to request payments with fields for 'Label', 'Amount', and 'Message'. A 'Request payment' button is highlighted by a black box. Below the form is a 'Requested payments history' table. To the right, a QR code is displayed for receiving payments. At the bottom right, 'Payment information' is shown, including a URL and an address. A black arrow points from the 'Request payment' button to the 'Payment information' section.

Date	Label	
20/10/2018 21:52	(no label)	(no message)
20/10/2018 21:51	(no label)	(no message)

Payment information
URL: <https://fundamental:FTCekZDPmpGZvKxE1F8CyZpeWr2eXGFjNS>
Address: [FTCekZDPmpGZvKxE1F8CyZpeWr2eXGFjNS](https://fundamental:FTCekZDPmpGZvKxE1F8CyZpeWr2eXGFjNS)



You send and send the 1000 coins FDM.

Label example : fdm1

It is send yourself

FDM - Wallet

File Settings Tools Help

Overview Send Receive Transactions Masternodes

All All Enter address or label to search

Date	Type	Address
11/10/2018 23:59	Payment to yourself	(n/a)
11/10/2018 23:56	Stake + Masternode Reward	(FSDdCguFHcQTpCnKqh4f7msHRWLxXhSvHm)
✓ 11/10/2018 23:14	Payment to yourself	
11/10/2018 23:13	Stake + Masternode Reward	
11/10/2018 23:02	Stake + Masternode Reward	
11/10/2018 23:01	Stake + Masternode Reward	
11/10/2018 23:00	Stake + Masternode Reward	
11/10/2018 22:59	Stake + Masternode Reward	
11/10/2018 22:41	Stake + Masternode Reward	
11/10/2018 22:36	Stake + Masternode Reward	
✓ 11/10/2018 22:32	Payment to yourself	

Transaction details

Status: 2/unconfirmed, broadcast through nodes

Date: 11/10/2018 23:14

Total debit: -15.19995995 FDM

Total credit: 15.19995995 FDM

Transaction fee: -0.00001923 FDM

Net amount: -0.00001923 FDM

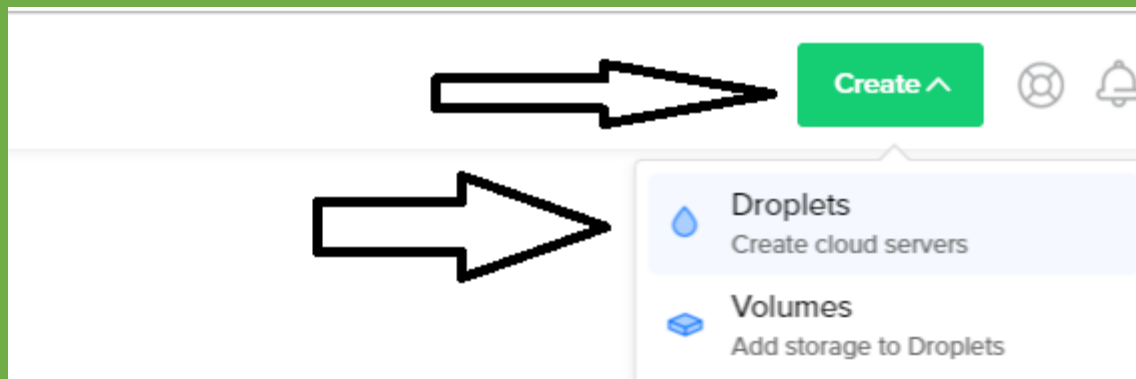
Transaction ID: 2a5da6971fcd6b62d6713ea642cd67511b878d9501e3a6f8279888878711b87f

Output index: 0

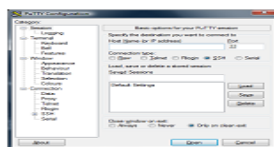
Need 15 confirmations for star MN

Close

Let's digitalocean



download the PuTTY
<https://www.putty.org/>

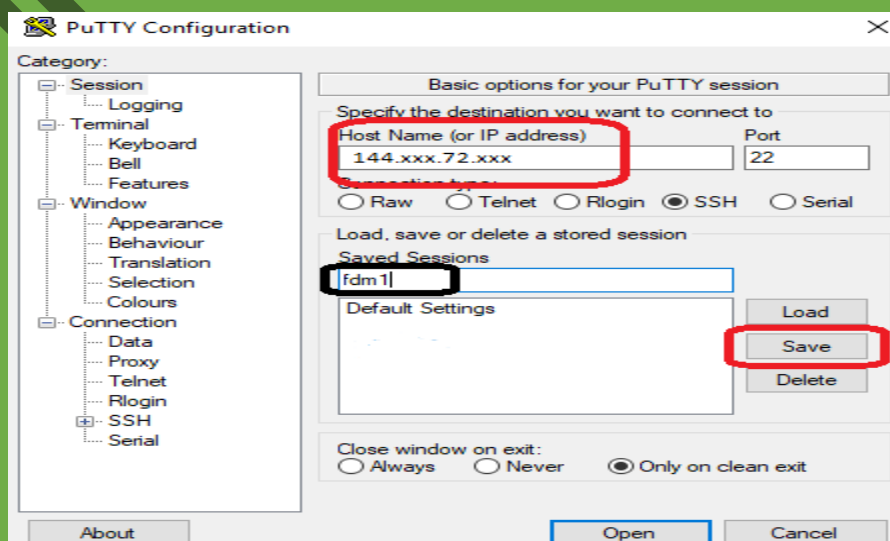


Download PuTTY

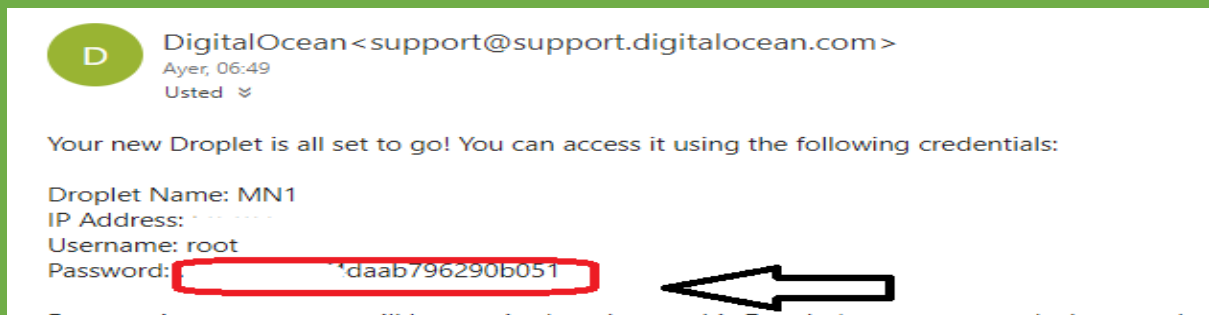
PuTTY is an SSH and telnet client, developed originally software that is available with source code and is developed by Simon Tardieu. You can download PuTTY [here](https://www.putty.org/).

COPY THE IP HOST VPS, THEN NAME THE COIN AND SAVE.

AND CLICK OPEN.

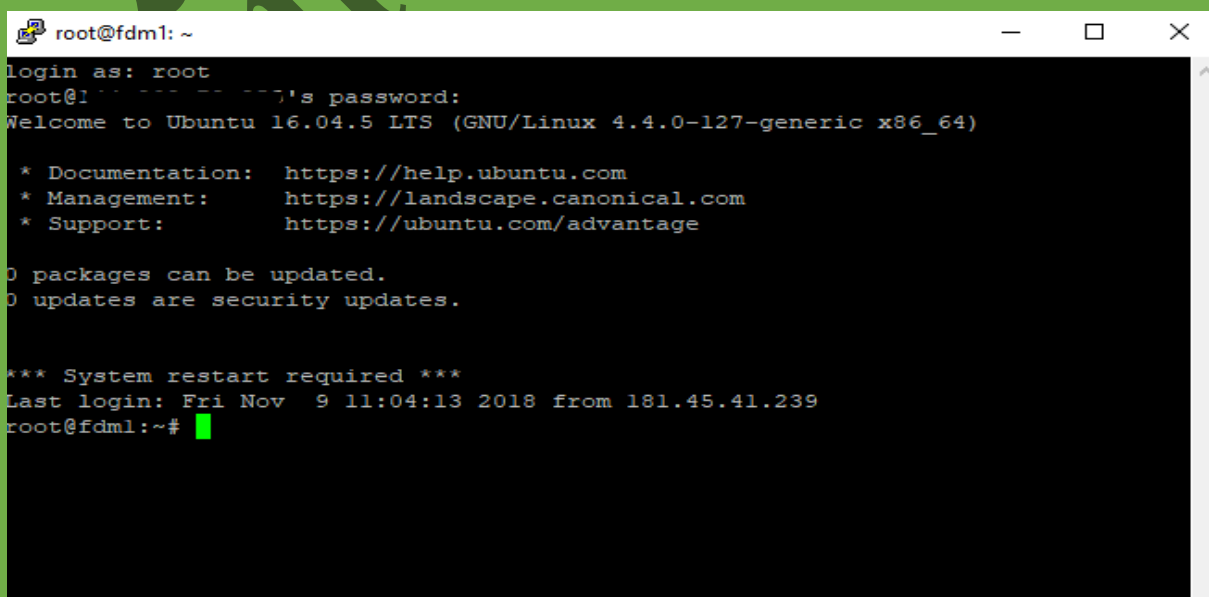


After creating the droplets, you will receive an email with a password that you must use in the root vps.



write root and click enter, then copy the password of the mail, and paste it into the vps with right click of the mouse, understand that when you right click the mouse will not see anything stuck, anyway enter, it will ask for two attempts of the password of the mail, do the same thing, then place a personal password example rifl483

it gives you enter and again you see more, until it is as in the image:



Well, now for each line that we copy and paste, we give ENTER.

Each line of color is a single line, copy and paste.

Keep in mind that when you hit the vps you just have to right click the mouse.

```
dd if=/dev/zero of=/mnt/myswap.swap bs=1M count=4000
```

```
mkswap /mnt/myswap.swap
```

```
chmod 0600 /mnt/myswap.swap
```

```
swapon /mnt/myswap.swap
```

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

```
apt-get -y update
```

```
apt-get -y upgrade
```

```
apt-get -y dist-upgrade
```

```
apt-get -y install git curl nano wget pwgen
```

```
apt-get install autoconf
```

```
apt-get -y install build-essential libtool automake autoconf autotools-
```

```
dev autoconf pkg-config libssl-dev libgmp3-dev libevent-dev
```

```
bsdmainutils libboost-all-dev libzmq3-dev libminiupnpc-dev libdb4.8-
```

```
dev libdb4.8++-dev
```

```
iptables -I INPUT -p tcp --dport 22123 -j ACCEPT
```

```
iptables -I INPUT -p udp --dport 22123 -j ACCEPT
```

part 2

```
apt-get -y update
```

```
git clone https://github.com/FDM-DEV/FDM.git
```

```
cd FDM
```

```
chmod +x autogen.sh
```

```
chmod +x share/genbuild.sh
```

```
./autogen.sh
```

```
./configure --disable-tests --disable-gui-tests
```

```
make
```

```
make install
```

ATTENTION HERE WHERE USER RCP ERROR IS GIVEN AND THE USER AND PASSWORD GIVE YOU

```
FDMd --daemon
```

```
/root/.FDM/FDM.conf
It is recommended you use the following random password:
rpcuser=FDMrpc
rpcpassword=3Rq1WHnQbTHxr5AS6nx1LVhWKRhRgYqngLFaEjcpEMdE
(you do not need to remember this password)
The username and password MUST NOT be the same.
If the file does not exist, create it with owner-readable-only file permissions.
It is also recommended to set alertnotify so you are notified of problems;
for example: alertnotify=echo %s | mail -s "FDM Alert" admin@foo.com
```

In the FDM directory, they enter

```
FDMd --daemon
Copy the
rpcuser = xxxxxxxxxxxxxxxx
rpcpassword = xxxxxxxxxxxxxxxxxxxxxxxx
```

THAT USER AND CODE STICK HERE

```
cd
```

```
cd .FDM
```

```
nano FDM.conf
```

STICK THE USER AND CODE TOGETHER WITH
THOSE THAT CONTINUE

```
rpcuser=xxxxxxxxxx
```

```
rpcpassword=xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

```
rpcport=22122
```

```
rpcallowip=127.0.0.1
```

```
txindex=1
```

```
listen=1
```

```
server=1
```

```
daemon=1
```

```
port=22123
```

```
masternodeprivkey= PLACE GENKEY HERE
```

```
masternode=1
```

```
root@nodo3: ~/.FDM
GNU nano 2.5.3 File: FDM.conf

rpcuser=FDMrpc
rpcpassword=3Rq1WHnQbTHxr5AS6nx1LVhWKRhRqYgnqLFaEjqpEMdK
rpcport=22122
rpccallowip=127.0.0.1
txindex=1
listen=1
server=1
daemon=1
port=22123
masternodeprivkey=4CfrqSDWQVwfvznCAPD59Tg9qoDzbzoC93xWaUszLPGioqxQbY
masternode=1
```

CTRL + X
QUESTION SAVE PRESS Y

cd

cd FDM

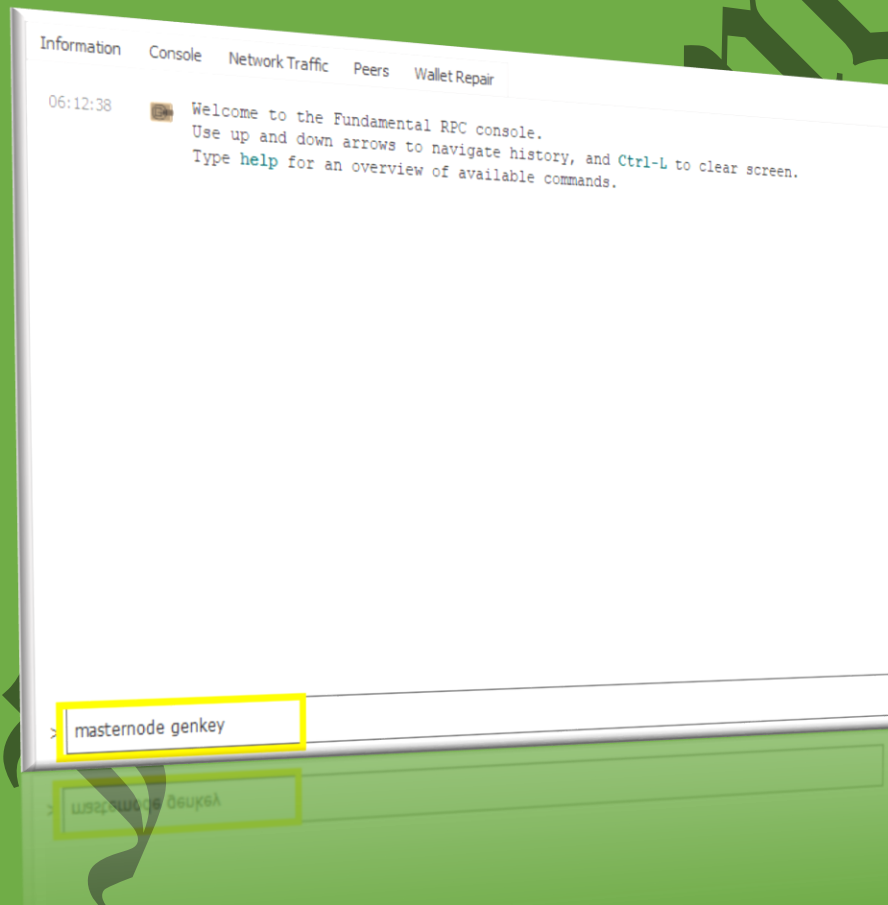
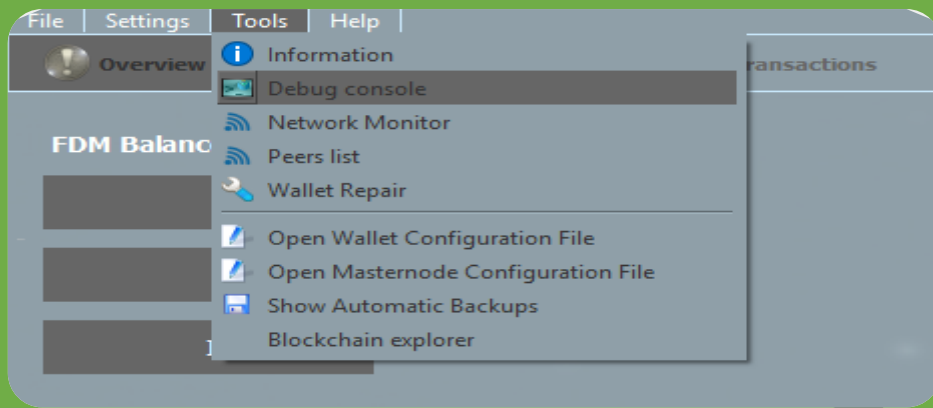
FDMd --daemon

VERIFY THAT YOU ARE COMPLETELY
SYNCHRONIZED WITH GETINFO AND COMPARE
WITH THE EXPLORER.

EXPLORER: <http://explorer.fundamentalcoin.io/>

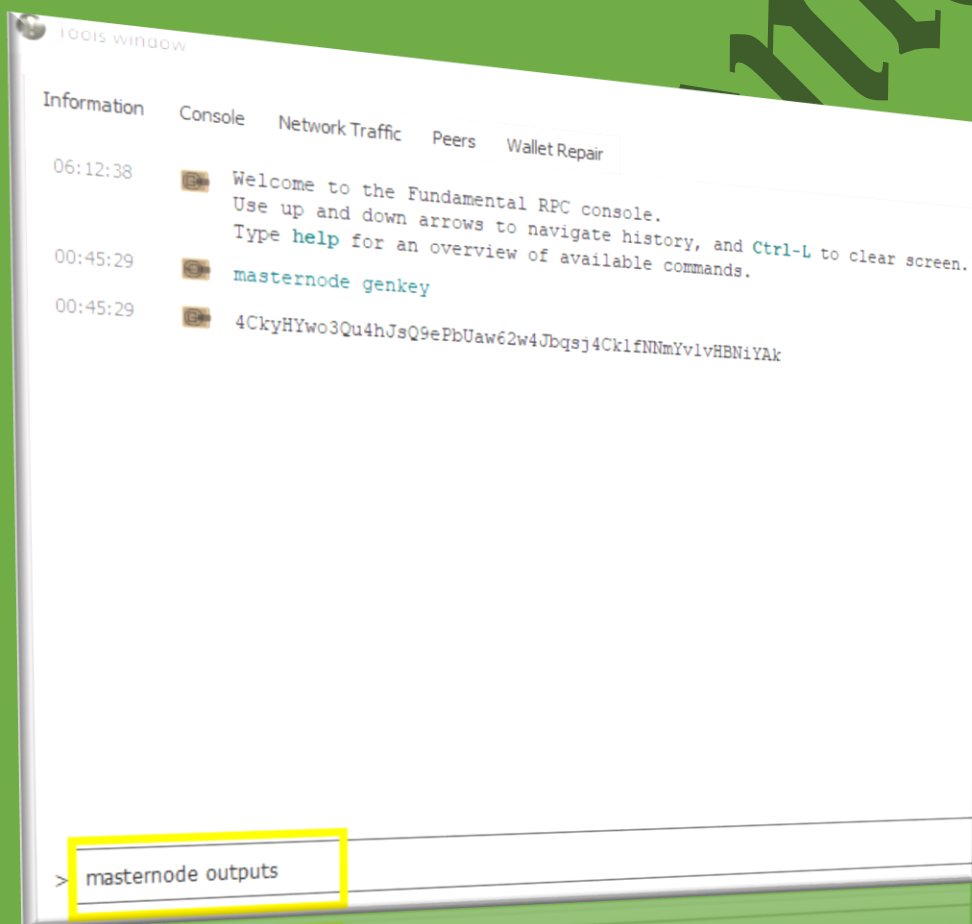
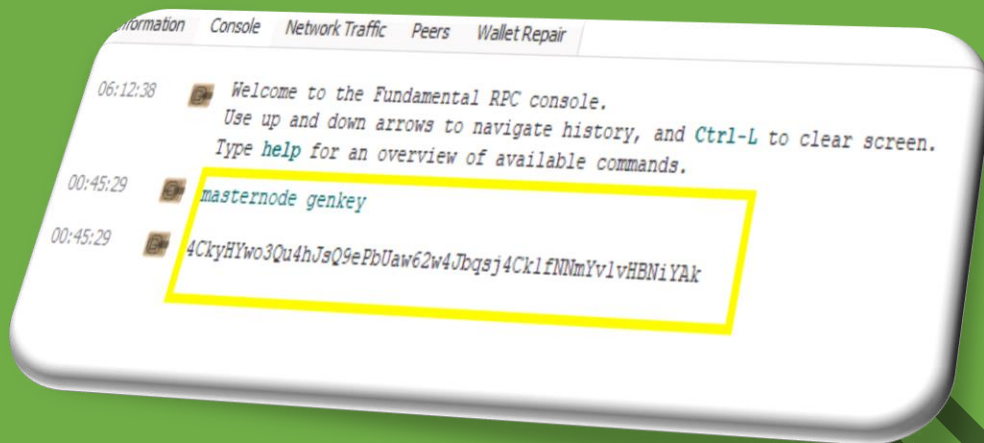
MADE THE PREVIOUS HOME THE MASTERNODE IN
YOUR WALLET.

IN YOUR WALLET HOW TO CREATE GENKEY
AND THE OUTPUTS:



Masternode genkey

we copy



```
Information Console Network Traffic Peers Wallet Repair

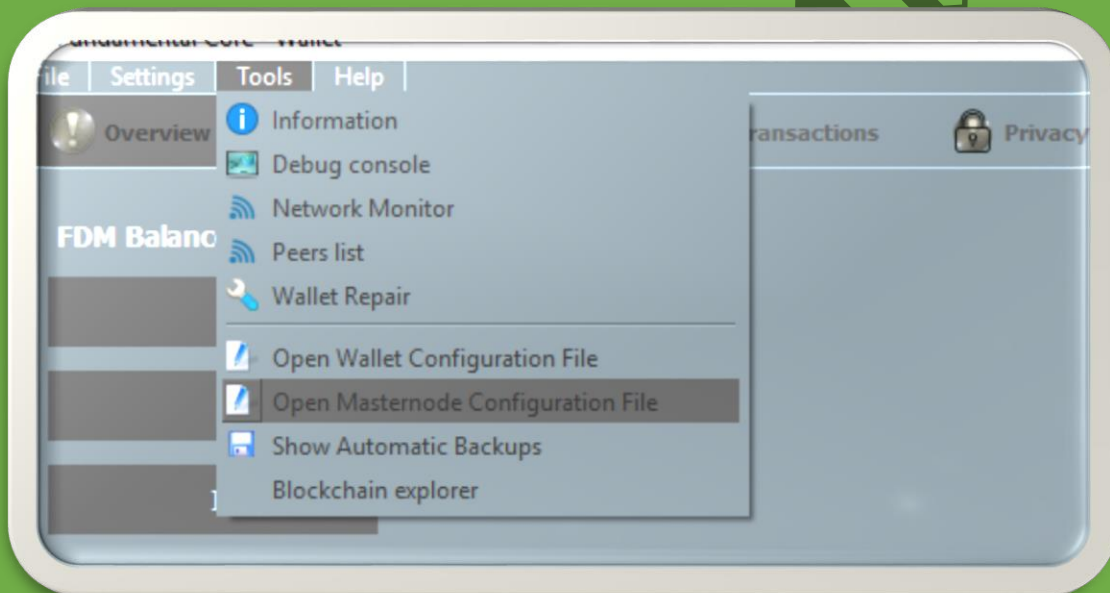
01:06:14 [P] Welcome to the Fundamental RPC console.
          Use up and down arrows to navigate history, and Ctrl-L to clear screen.
          Type help for an overview of available commands.

02:55:22 [P] masternode outputs

02:55:22 [P] [
              {
                "txhash" : "56dac91eb03239034f9d92ea53df00c89c91f75fc979cf584197ca179cef8067",
                "outputidx" : 1
              },
              {
                "txhash" : "cff0b761d5c6c94fd18ble39eaf2757edff96952b7035c3af48e270e55d39e1c",
                "outputidx" : 1
              }
            ]
```

masternode outputs

we copy



Here it is very easy, we paste the name that we select in vps, then the ip of vps and the port as indicated by the images, then the **genkey** link and the **output**, we pay attention to the spaces and points.

```
masternode - Notepad
File Edit Format View Help
# Masternode config file
# Format: alias IP:port masternodeprivkey collateral_output_txid collateral_output_index
# Example: mn1 127.0.0.2:22123 93HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64xiqgX37tG8DQL8Xg 2bcd3c84c84f87eaa86e4e56834c92
```



```
mn1 18.222.26.89:32123 4CzKFYxuWbKKvMzfo3E7vfQNeHv3ixDguMBDiYEAjVxNXEAKZFT cff0b761d5c6c94fd18b1e39eaf2757edff96952b7035c3af48e270e55d39e1c 1
```

Select save, then restart the wallet, go to Masternodes as the image shows and start the alias.

FDM - Wallet

File

Settings

Tools

Help

Overview

Send

Receive

Transactions

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)
MN1	68.183.0.0:32123	70810	ENABLED	19h:15m:05s	2018-11-11 02:53

Start alias

Start all

Start MISSING

Update status

Status will be updated automatical

Synchronizing budgets

Synchronizing additional data: 100%

thank you.

Fundamental