



## DogeCash Masternode Setup Guide

This guide will assist you in setting up a DogeCash Masternode  
on a Linux Server running Ubuntu 18.04

If you require further assistance type **!support** in any channel on our [Discord](#) server.

### Requirements:

- 5,000** DOGEC coins.
- A Ubuntu 18.04 VPS server.
- A Windows or Mac OS local wallet.
- An SSH client

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This guide is for Vultr hosting setup, but you can use any hosting which fit our requirements.

**[ 512Mb RAM, 10GB SSD ]**

## Section 1: Creating the VPS within Vultr

### Step 1

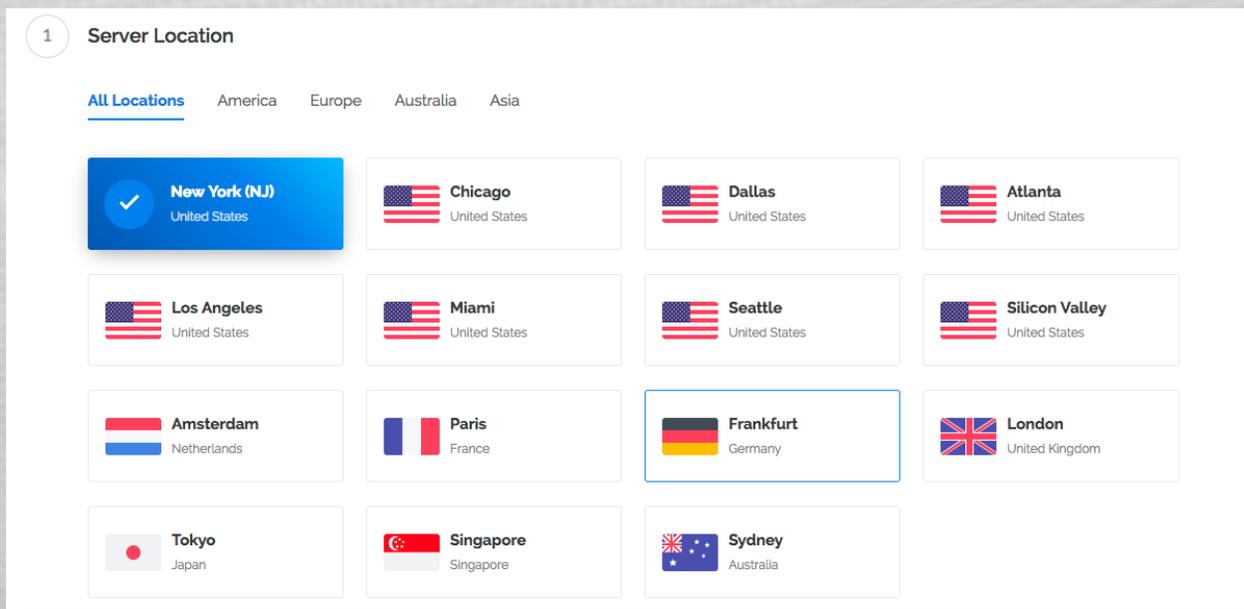
Register at [Vultr](#)

### Step 2

After you have added funds to your account go [here](#) to create your Server

### Step 3

Choose a server location (preferably somewhere close to you)



The screenshot shows the 'Server Location' selection screen in Vultr. It features a grid of location cards, each with a flag icon, the city name, and the country. The 'New York (NJ)' card is highlighted with a blue background and a checkmark. Other cards include Chicago, Dallas, Atlanta, Los Angeles, Miami, Seattle, Silicon Valley, Amsterdam, Paris, Frankfurt, London, Tokyo, Singapore, and Sydney.

Location	Country
New York (NJ)	United States
Chicago	United States
Dallas	United States
Atlanta	United States
Los Angeles	United States
Miami	United States
Seattle	United States
Silicon Valley	United States
Amsterdam	Netherlands
Paris	France
Frankfurt	Germany
London	United Kingdom
Tokyo	Japan
Singapore	Singapore
Sydney	Australia

## Step 4

Choose a server type: **Ubuntu 18.04**

**2 Server Type**

[64 bit OS](#)
[32 bit OS](#)
[Application](#)
[Upload ISO](#)
[ISO Library](#)
[Backup](#)
[Snapshot](#)

 <b>CentOS</b> <small>Select Version</small>	 <b>CoreOS</b> <small>Stable x64</small>	 <b>Debian</b> <small>Select Version</small>	 <b>Fedora</b> <small>Select Version</small>
 <b>FreeBSD</b> <small>Select Version</small>	 <b>OpenBSD</b> <small>6.3 x64</small>	 <b>Ubuntu</b> <small>18.04 x64</small>	 <b>Windows</b> <small>Select Version</small>

## Step 5

Choose a server size: **\$3.50/mo** will be fine

**3 Server Size**

<small>IPv6 ONLY</small> <b>20 GB SSD</b> <b>\$2.50/mo</b> <small>\$0.004/h</small>	<b>20 GB SSD</b> <b>\$3.50/mo</b> <small>\$0.005/h</small>	<b>25 GB SSD</b> <b>\$5/mo</b> <small>\$0.007/h</small>	<b>40 GB SSD</b> <b>\$10/mo</b> <small>\$0.015/h</small>
1 CPU 512MB Memory 500GB Bandwidth	1 CPU 512MB Memory 500GB Bandwidth	1 CPU 1024MB Memory 1000GB Bandwidth	1 CPU 2048MB Memory 2000GB Bandwidth
<b>60 GB SSD</b> <b>\$20/mo</b> <small>\$0.03/h</small>	<b>100 GB SSD</b> <b>\$40/mo</b> <small>\$0.06/h</small>	<b>200 GB SSD</b> <b>\$80/mo</b> <small>\$0.119/h</small>	<b>300 GB SSD</b> <b>\$160/mo</b> <small>\$0.238/h</small>
2 CPU 4096MB Memory 3000GB Bandwidth	4 CPU 8192MB Memory 4000GB Bandwidth	6 CPU 16384MB Memory 5000GB Bandwidth	8 CPU 32768MB Memory 6000GB Bandwidth

## Step 6

Set a Server Hostname & Label (name it whatever you want)

7 Server Hostname & Label

Enter server hostname

Enter server label

## Section 2: How to Install an SSH Client and Connect to an SSH Server on Windows

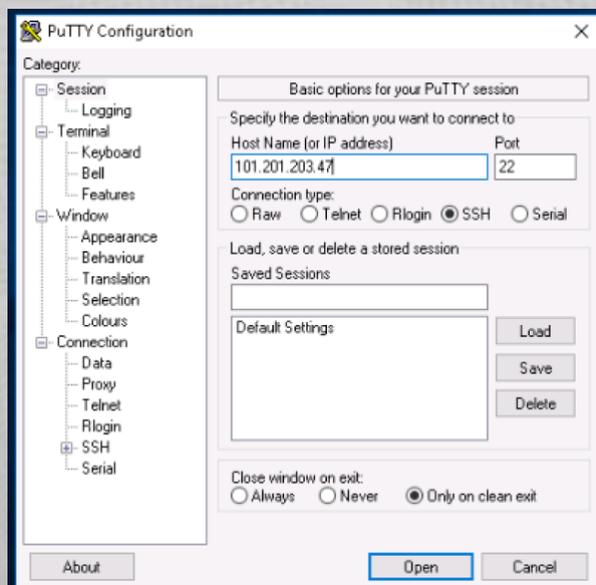
Linux servers do not usually include a desktop interface, so it is not possible to log in by RDP or VNC with most servers. Instead, log in with a shell client that connects to the server with a remote command line interface, or a FTP client that displays the command line data as a file browser.

### Step 1

First, download Putty, a SSH client for Windows ([Official Download Page](#)).

### Step 2

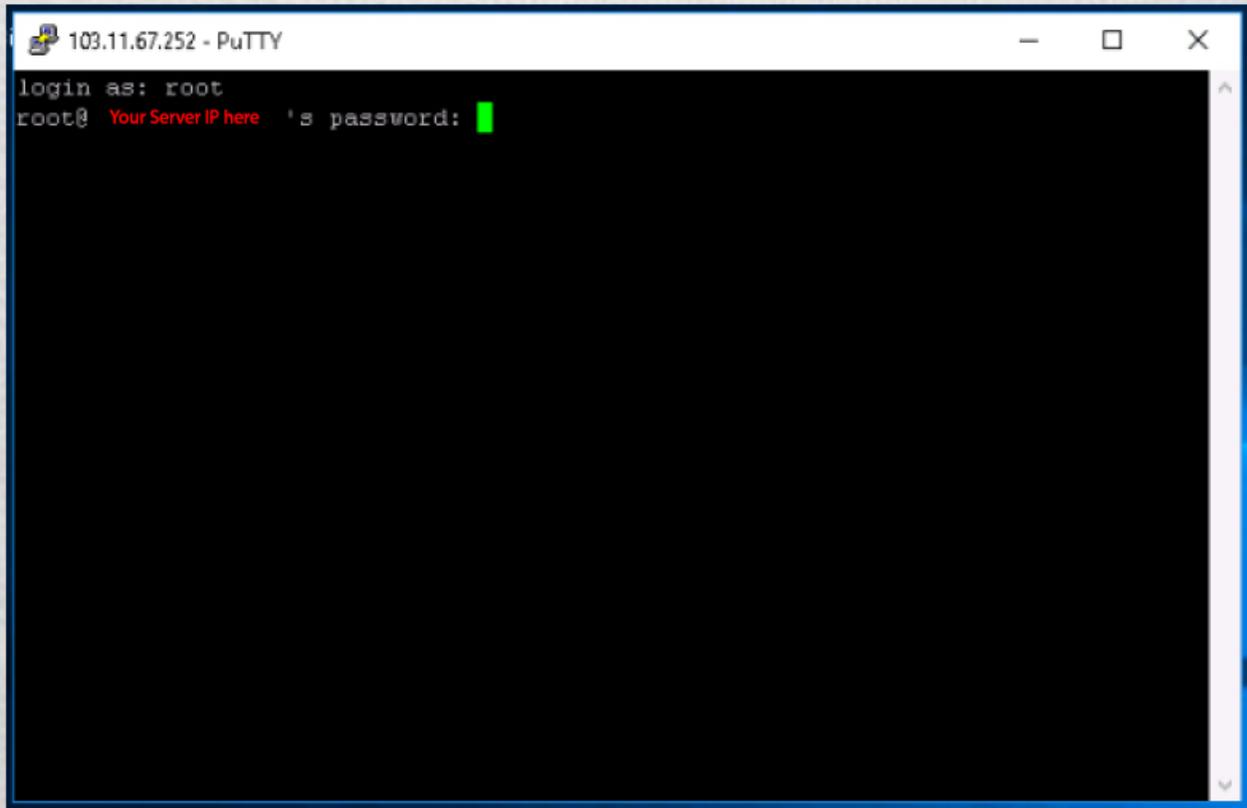
Enter the IP address of your Vultr VPS server. The port should be 22 (default), and Connection Type: SSH.



### Step 3

A terminal window will appear prompting for the login user. Type root or another user if you know the username. Enter the password by typing into the terminal. To paste your password use right click on your mouse. CTRL+V will not work!

**No characters will appear on the screen as you type – this is normal.**



If you have entered in everything correctly, you should now be connected to your Vultr server!

Now please run the commands below to update your Ubuntu server:

```
sudo apt-get update
```

```
sudo apt-get upgrade
```

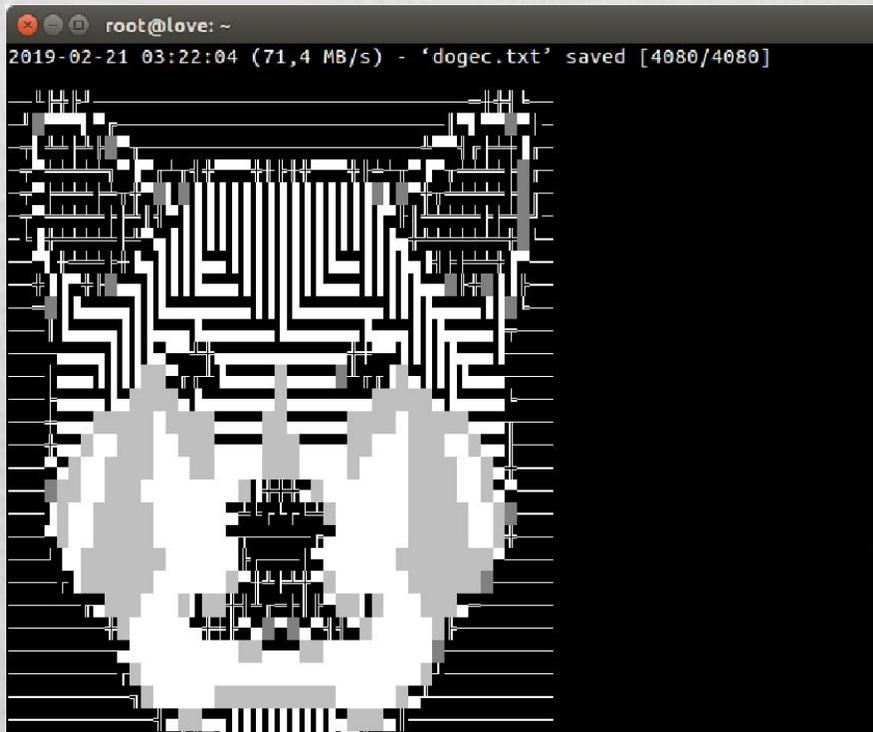
If you are are not able to connect to your VPS please follow [this guide](#) which explains the procedure more in depth.

## Section 3: Installing the MN script via SSH Client.

### Step 1

Paste the code below into the terminal then press enter (it will just go to a new line)

```
wget https://github.com/dogecash/dogecash/raw/master/setupmn.sh && chmod +x setupmn.sh && bash setupmn.sh
```



### Step 2

You will now see all of the relevant information for your server.

Masternodes need approximately one hour to settle, please have patience.

Keep this terminal open as we will need the info for the wallet setup.

## Section 4: Preparing the Local wallet

### Step 1

Download and install latest DogeCash wallet [here](#)

### Step 2

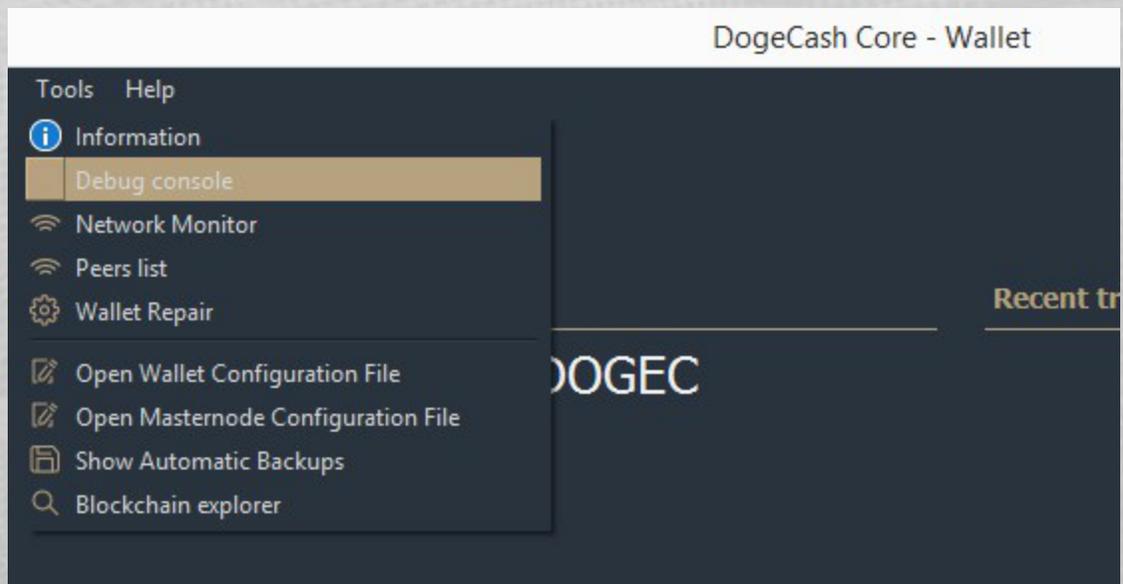
Create a new DOGEC address & send **EXACTLY 5,000** DOGEC to a receive address within your wallet. Make sure you have slightly more on your balance to cover any transaction fees.

### Step 3

Create a text document to temporarily store information that you will need. Wait for the transaction created in [step 2](#) to have 31 confirmations before proceeding to [step 4](#).

### Step 4

Go to the console within the wallet ( *Tools > Debug console* )



## Step 5

Type the command below and press enter

```
getmasternodeoutputs
```

```
WARNING: Scammers have been active, telling users to type commands here, stealing their wallet contents.
command.
getmasternodeoutputs
[
  {
    "txhash": "4e091f91bd889ab816fecdd4ef8deda2a96cebb4edb47a5ce20417db5639b7234",
    "outputidx": 1
  }
]
```

## Step 6

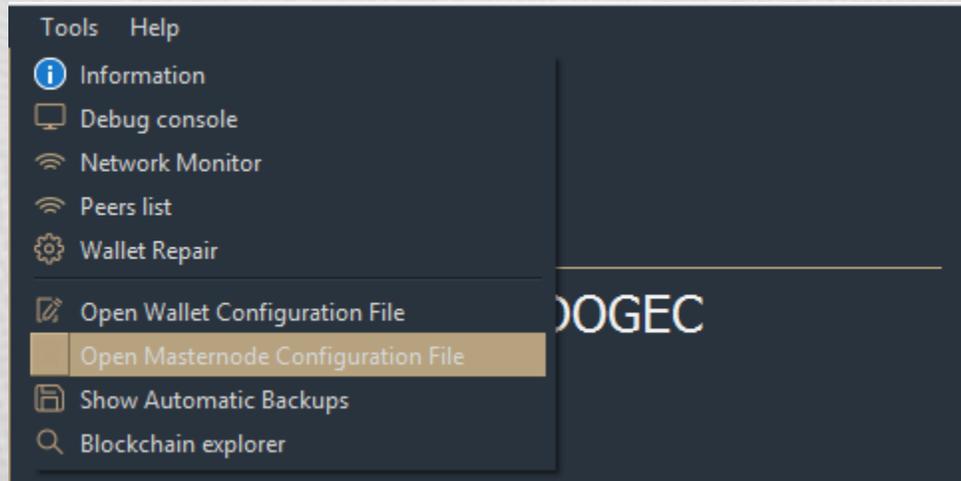
Copy the long key (this is your transaction ID) and the 0 or 1 at the end (this is your output index)

Paste these into the text document you created earlier as you will need them in the next step.

## Section 5: Connecting & Starting the Masternode

### Step 1

Go to the tools tab within the wallet and click open "masternode configuration file"



### Step 2

Fill in the form.

For Alias type something like "MN1" don't use spaces

The Address is the IP and port of your server (*this will be in the putty terminal that you still have open*).

The PrivKey is your masternode private key (*This is also in the putty terminal that you have open*).

The TxHash is the transaction ID/long key that you copied to the text file.

The Output Index is the 0 or 1 that you copied to your text file.

```
[ALIAS] [IP:PORT] [masternode privkey] [collateral_output_txid] [collateral_output_index]
```



```
File Edit Format View Help
# Masternode config file
# Format: alias IP:port masternodeprivkey collateral_output_txid collateral_output_index
# Example: mn1 127.0.0.1:56740 93HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64xiqgX37tGBDQL8Xg 2bcd3c84c84f87eaa86e4e56834c92927a07f9e18718810b92e0d0324456a67c 0
MN1 111.222.333.444:56740 93HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64xiqgX37tGBDQL8Xg 2bcd3c84c84f87eaa86e4e56834c92927a07f9e18718810b92e0d0324456a67c 0
```

Click "File" > Save

### Step 3

Close out of the wallet and reopen Wallet \*Click on the Masternodes tab "My masternodes"

Click start all in the masternodes tab.

Alternatively you can try opening the debug console and starting the masternode with the following command: `startmasternode alias 0 MN1` (Where MN1 is your masternode's alias)

### Step 4

Check the status of your masternode within the VPS by using the command below:

```
dogecash-cli getmasternodestatus
```

You should see **status 4** ( *Masternode need time to get in to this status* )

If you do, congratulations! You have now setup a masternode.

If you do not, please contact us on [Discord](#)

*You can open support ticket just by sending **!support** to any channel on our Discord server.*

*The current blockchain takes time after each step to execute instructions and get blocks in place. Masternode rewards may take up to 30 hours. After a few hours it's a good idea to restart the wallet (to make sure) masternode is active and running. If your masternode status indicates "missing" after wallet restart, you can start the missing masternode by clicking on Start MISSING.*



## Official Links

### Website

<https://dogec.io>

### Whitepaper

<https://whitepaper.dogec.io>

### Block Explorer

<https://explorer.dogec.io>

### Wallet

<https://github.com/dogecash/dogecash/releases>

### Twitter

<https://twitter.dogec.io>

### Discord

<https://discord.dogec.io>

### GitHub

<https://github.dogec.io>

### BitcoinTalk

<https://ann.dogec.io>



# DOGECASH

THE DOGE IS NOW THE MASTER (NODE)