



## DogeCash Masternode Setup Guide Version 1.2 (Ubuntu 16.04)

This guide will assist you in setting up a DogeCash Masternode on a Linux Server running Ubuntu 16.04. (Use at your own risk)

If you require further assistance contact us on [Discord](#)

### Requirements

- **5,000** DOGEC coins.
- A VPS (Vultr) running Linux Ubuntu 16.04.
- A Windows or MAC OS X local wallet.
- An SSH client

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# Section 1: Creating the VPS within Vultr

## Step 1

Register at [Vultr](#)

## Step 2


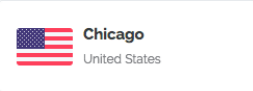
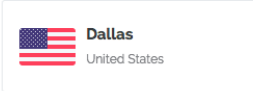
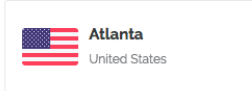
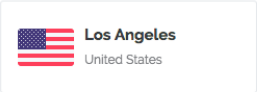
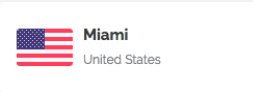
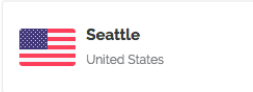
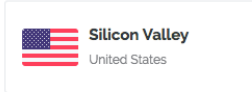
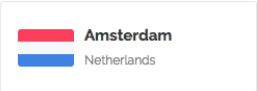
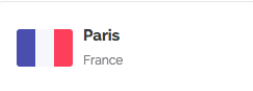
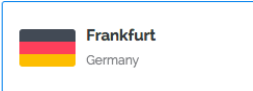
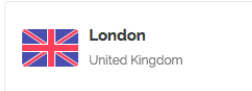
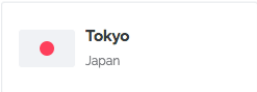
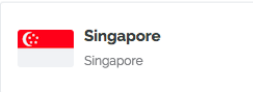
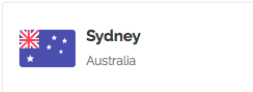
After you have added funds to your account go [here](#) to create your Server

## Step 3

Choose a server location (preferably somewhere close to you)

1 Server Location

[All Locations](#) [America](#) [Europe](#) [Australia](#) [Asia](#)









			
			
			
			

## Step 4

Choose a server type: **Ubuntu 16.04**

### 2 Server Type

64 bit OS 32 bit OS Application Upload ISO ISO Library Backup Snapshot

 <b>CentOS</b> Select Version	 <b>CoreOS</b> Stable x64	 <b>Debian</b> Select Version	 <b>Fedora</b> Select Version
 <b>FreeBSD</b> Select Version	 <b>OpenBSD</b> 6.3 x64	 <b>Ubuntu</b> 16.04 x64	 <b>Windows</b> Select Version

## Step 5

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

### 3 Server Size

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

## Step 6

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

### 7 Server Hostname & Label

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

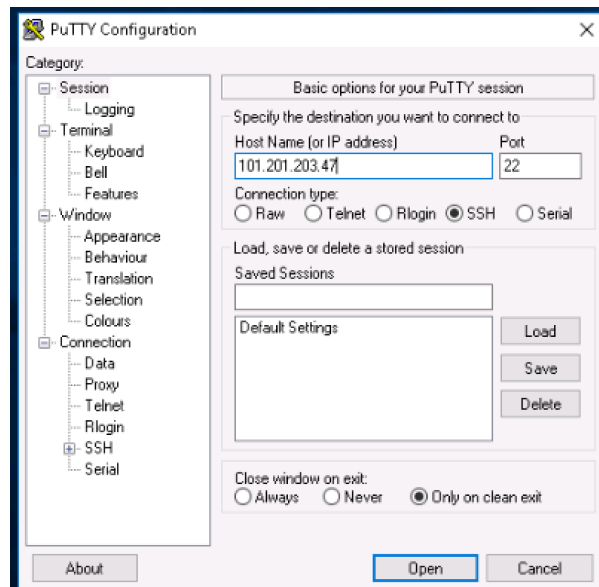
Linux servers do not usually include a desktop interface, so it is not possible to log in by RDP or VNC with most servers. Instead, log in with a shell client that connects to the server with a remote command line interface, or a FTP client that displays the command line data as a file browser.

### Step 1

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

### Step 2

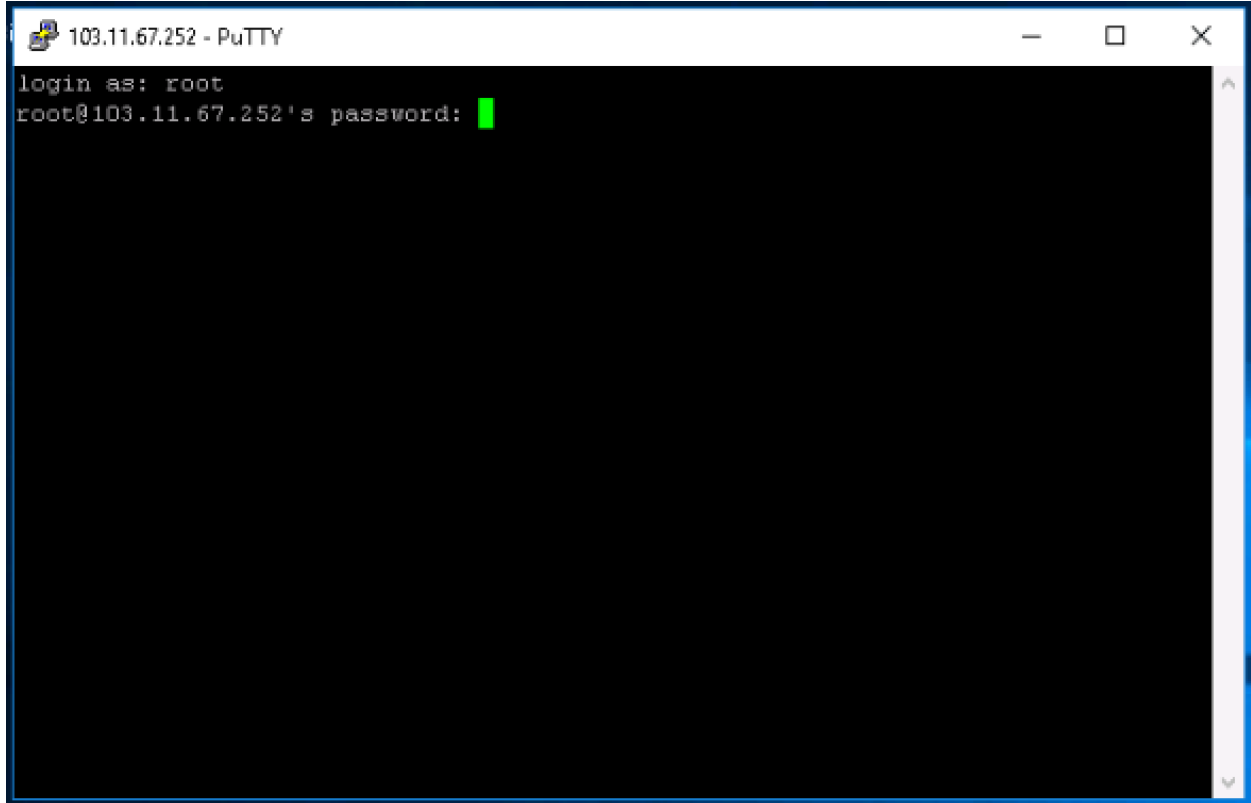
Enter the IP address of your Vultr VPS server. The port should be 22 (default), and Connection Type: SSH.



## 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/setupmn3.sh -O setupdogecashmn.sh && bash setupdogecashmn.sh
```



```
root@vultr: ~ — ssh root@ — 84x26
doge.txt.1      100%[=====>]   1.48K  --.-KB/s   in 0s
2018-10-01 22:02:29 (132 MB/s) - 'doge.txt.1' saved [1513/1513]

██████████ DogeCash MN installer Depends Starting
Prepare the system to install DogeCash master node.
```

### Step 2

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

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 the DogeCash wallet [here](#)

### Step 2

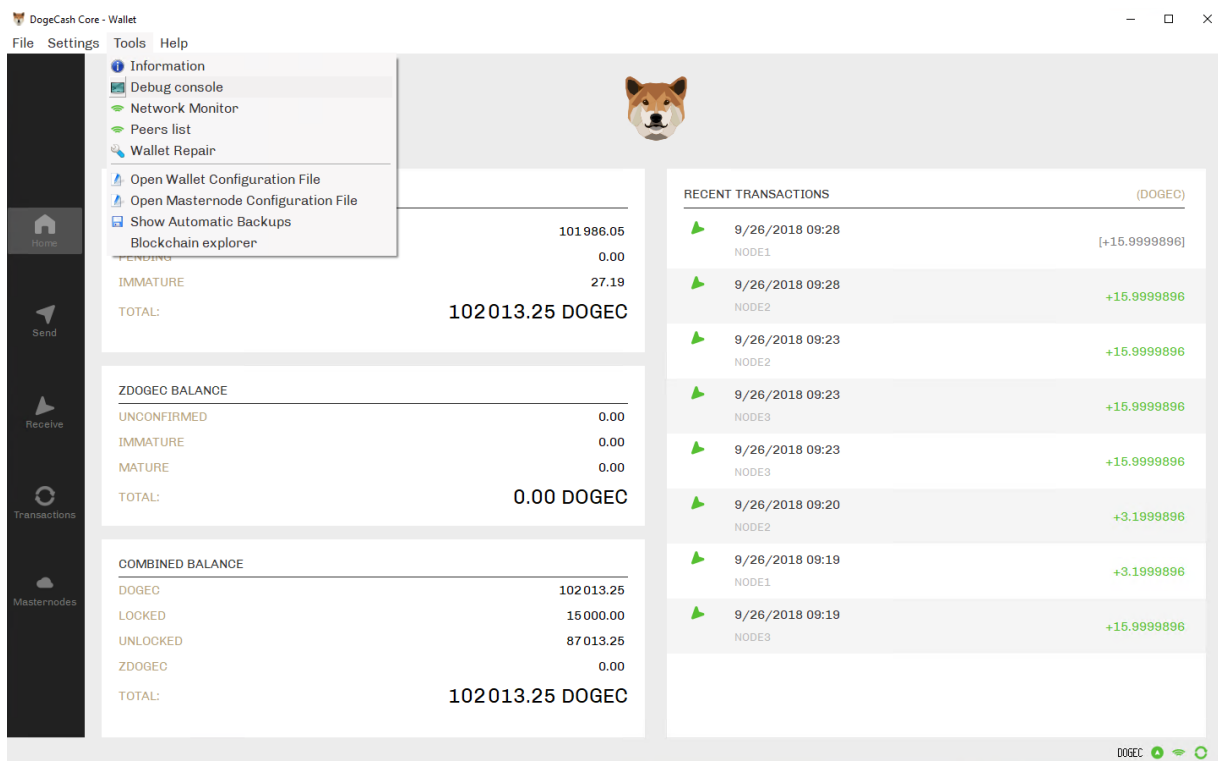
Create a new DOGEC address & send EXACTLY **5,000** DOGEC to a receive address within your wallet.

### Step 3

Create a text document to temporarily store information that you will need.

### Step 4

Go to the console within the wallet



DogeCash Core - Wallet

File Settings Tools Help

- Information
- Debug console
- Network Monitor
- Peers list
- Wallet Repair
- Open Wallet Configuration File
- Open Masternode Configuration File
- Show Automatic Backups
- Blockchain explorer

Home

Send

Receive

Transactions

Masternodes

101986.05

PENDING 0.00

IMMATURE 27.19

TOTAL: 102013.25 DOGEC

ZDOGEC BALANCE

UNCONFIRMED 0.00

IMMATURE 0.00

MATURE 0.00

TOTAL: 0.00 DOGEC

COMBINED BALANCE

DOGEC 102013.25

LOCKED 15000.00

UNLOCKED 87013.25

ZDOGEC 0.00

TOTAL: 102013.25 DOGEC

RECENT TRANSACTIONS (DOGEC)

- 9/26/2018 09:28 NODE1 [+15.9999896]
- 9/26/2018 09:28 NODE2 +15.9999896
- 9/26/2018 09:23 NODE2 +15.9999896
- 9/26/2018 09:23 NODE3 +15.9999896
- 9/26/2018 09:23 NODE3 +15.9999896
- 9/26/2018 09:20 NODE2 +3.1999896
- 9/26/2018 09:19 NODE1 +3.1999896
- 9/26/2018 09:19 NODE3 +15.9999896

DOGEC



## Step 5

Type the command below and press enter

```
masternode outputs
```



The screenshot shows a 'Tools window' with a 'Console' tab selected. The console displays the following text:

```
09:10:39 Welcome to the DogeCash RPC console.  
Use up and down arrows to navigate history, and Ctrl-L to clear screen.  
Type help for an overview of available commands.  
09:29:17 masternode outputs  
09:29:17 [ {  
  {  
    "txhash" : "035dc8f43773a943c02706d987c5599fa45f572cd9d91fce28f27a59826e469a",  
    "outputidx" : 1  
  },  
  {  
    "txhash" : "11a53079de6bd917b0b62926a8b0fd8d55d62914302acdecfe595651781ebc5c",  
    "outputidx" : 0  
  },  
  {  
    "txhash" : "a14e6775fbc33a3bf0fb37fa714961ce784c79673542f256ccebd84a058e3730",  
    "outputidx" : 1  
  }  
}
```

## Step 6

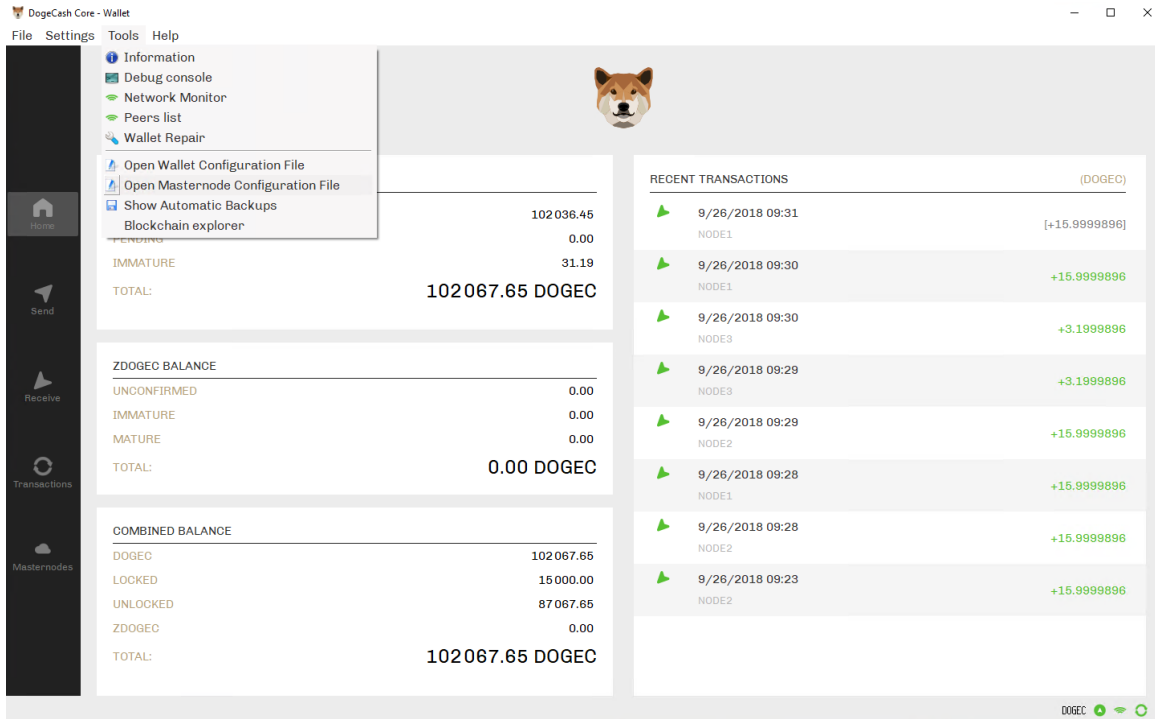
Copy the long key (this is your transaction ID) and the 0 or 1 at the end (this is your output index)

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"



The screenshot shows the DogeCash Core - Wallet application window. The 'Tools' menu is open, highlighting 'Open Masternode Configuration File'. The main interface displays the wallet balance and recent transactions.

DOGE BALANCE	
102036.45	
PENDING	0.00
IMMATURE	31.19
<b>TOTAL:</b>	<b>102067.65 DOGEC</b>

ZDOGEC BALANCE	
UNCONFIRMED	0.00
IMMATURE	0.00
MATURE	0.00
<b>TOTAL:</b>	<b>0.00 DOGEC</b>

COMBINED BALANCE	
DOGEC	102067.65
LOCKED	15000.00
UNLOCKED	87067.65
ZDOGEC	0.00
<b>TOTAL:</b>	<b>102067.65 DOGEC</b>

RECENT TRANSACTIONS (DOGEC)		
9/26/2018 09:31	NODE1	[+15.9999896]
9/26/2018 09:30	NODE1	+15.9999896
9/26/2018 09:30	NODE3	+3.1999896
9/26/2018 09:29	NODE3	+3.1999896
9/26/2018 09:29	NODE2	+15.9999896
9/26/2018 09:28	NODE1	+15.9999896
9/26/2018 09:28	NODE2	+15.9999896
9/26/2018 09:23	NODE2	+15.9999896

### 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.

```
masternode - Notepad
File Edit Format View Help
# Masternode config file
# Format: alias IP:port masternodeprivkey collateral_output_txid collateral_output_index
# Example: mn1 127.0.0.2:6740 93HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64x1qgX37tGBDQL8Xg 2bcd3c84c84f87eaa86e4e56834c92927a07f9e18718810b92e0d0324456a67c 0
MN1 85.153.201.11:6740 zTkByEuJnjUDpdhwGz9QFYMrrUnZPN5qtTt3ePtBzrxey147MRu Ug5gA4JmFBQvwaRRGN62KD7s5DzAAaymR45hmU5Tx2xwEJ5vLCGFpVKQGDzbZcL5 0
MN2 195.101.132.71:6740 7c4uLv4xwXU4eJusDqN8fm82kcKriWAQrD65kn4WuTrkE9g7aqw 7LvFUw3GpprcFpsbzqpg4RKW6NNNojAKNR5HWANvS35hwainTwxMktzo8VUJp4RPH 1
```

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 masternode status
```

You should see **status 4**

If you do, congratulations! You have now setup a masternode. If you do not, please contact us on [Discord](#)



## Official Links

### Website

<https://dogec.io>

### Whitepaper

<https://whitepaper.dogec.io>

### Block Explorer

<https://explorer.dogec.io>

### Wallet

<https://download.dogec.io>

### Twitter

<https://twitter.dogec.io>

### Discord

<https://discord.dogec.io>

### GitHub

<https://github.dogec.io>

### BitcoinTalk ANN

<https://ann.dogec.io>



# DOGECASH

THE DOGE IS NOW THE MASTER (NODE)