



# INSTACASH Masternodes Linux Guide

A next-gen crypto!

## What you need:

- 1-More than 10000 ICH
- 2-One computer with [instacash-qt](#) wallet installed.(Put more than 10000 ICH in this wallet)
- 3-One VPS([Ubuntu 16.04 x64](#) recommended).
- 4-A small amount of technical knowledge.

## Step #1:

Setup your controller wallet - this will keep your coins safe.

Install instacash-qt wallet on Windows or Linux from the official [releases](#).

1.1-Load your instacash-qt wallet and sync.

1.2-Set a password for instacash-qt.(Wallet will shut down)

1.3-Find your *wallet.dat* file:

`c:\Users\username\AppData\Roaming\InstaCash`(windows)

1.4-Backup your private keys and *wallet.dat* file!(**Very important! Or you may lose your coin!**)

1.5-Load instacash-qt wallet again and sync.

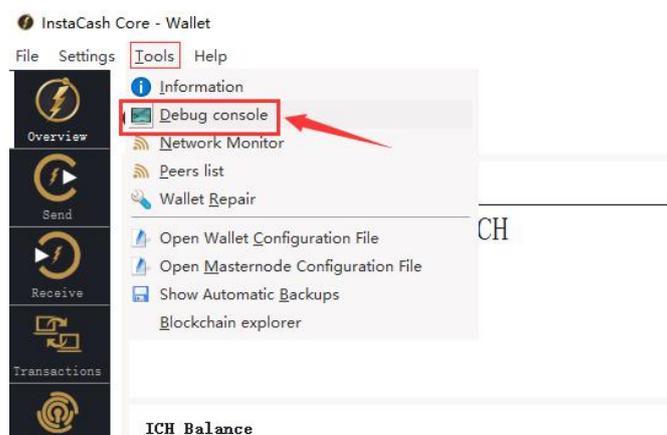
## Step #2:

Open the Debug Console.

2.1-Click Tools on the top file menu.

2.2-Open Debug console.(pic2.2)

2.3-Click Console on the top Tab Bar.



Pic2.2

### Step #3:

Get your masternode key & Get a masternode address

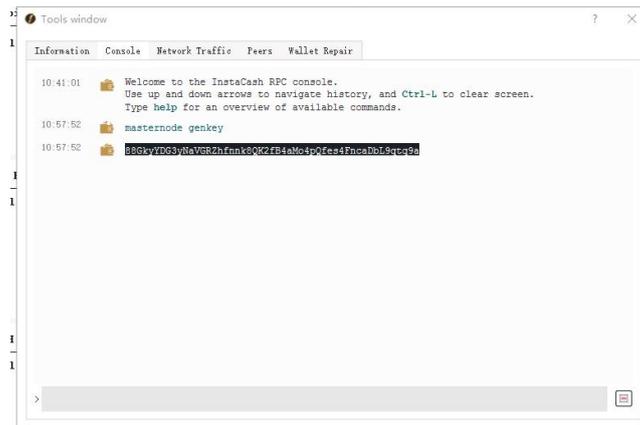
3.1-In the debug console command box (bottom of screen) enter the following( ENTER):

```
masternode genkey
```

3.2-You should see something very similar to this. It's your **MN\_GENKEY**(save into a text file in Notepad or Gedit/Nano/etc,pic3.2):

```
<-masternode genkey
```

```
->88GkyYDG3yNaVGRZhfnnk8QK2fB4aMo4pQfes4FncaDbL9qtq9a
```



Pic3.2

3.3-Enter the following to create a masternode address( ENTER):

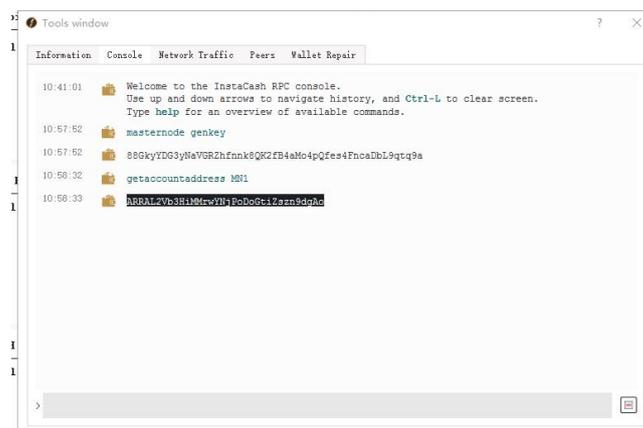
```
getaccountaddress MN1
```

(You can replace MN1 with your **MASTERNODE\_ALIAS\_NAME**.)

3.4-You should see something very similar to this (save into a text file in Notepad or Gedit/Nano/etc,pic3.4):

```
<-getaccountaddress MN1
```

```
->ARRAL2Vb3HiMMrwYNjPoDoGtiZszn9dgAo
```



Pic3.4

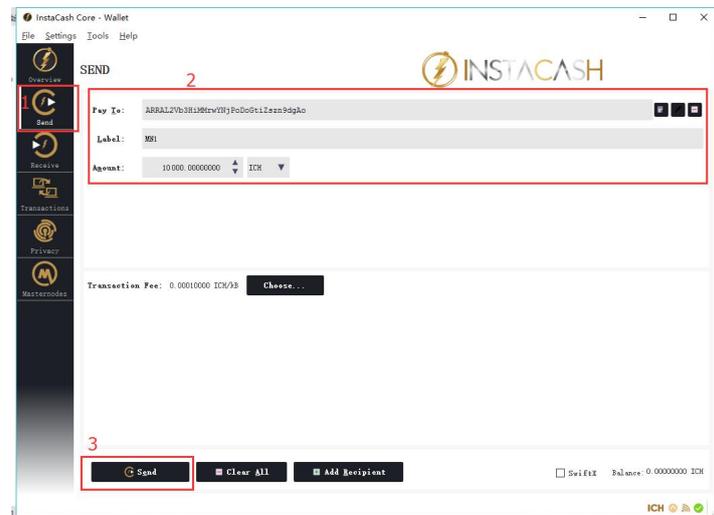
### Step #4:

Send 10000 ICH to masternode address & Get Outputs.

4.1-Click Send Tab.

4.2-Send 10000 ICH to the address[**MASTERNODE\_ALIAS\_NAME**] from [step3.4](pic4.2)

4.3-Wait for confirmations.



Pic4.2

4.4-Open Debug console.

4.5-Enter the following to get outputs( ENTER):

***masternode outputs***

4.6-You should see something very similar to this (save into a text file in Notepad or Gedit/Nano/etc):

***<-masternode outputs***

```
->[
  {
    "txhash": "2bcd3c84c84f87eaa86e4e56834c92927a07f9e18718810b92e0d0324456a67c",
    "txhash": : 0
  }
]
```

They are your TX\_ID and TX\_INDEX, [{"txhash": "TX\_ID","txhash": TX\_INDEX}]

### Step #5:

Edit *masterndoe.conf* file.

5.1-Find your *masternode.conf* file:

*c:\Users\username\AppData\Roaming\InstaCash*(windows)

5.2-Open *masternode.conf* with Notepad, You should see something very similar to this:

```
# Masternode config file
# Format: alias IP:port masternodeprivkey collateral_output_txid collateral_output_index
# Example: mn1 127.0.0.2:46200 93HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64xiqgX37tGBDQL8Xg
2bcd3c84c84f87eaa86e4e56834c92927a07f9e18718810b92e0d0324456a67c 0
```

5.3-Format your masternode information:

```
MASTERNODE_ALIAS_NAME VPS_IP:46200 MN_GENKEY TX_ID TX_INDEX
```

You can get your **VPS\_IP** from Step#6(Your VPS hosting will provide this information)

5.4-Paste masternode information[step5.3] into *masternode.conf* on new line.

5.5-Save and close *masternode.conf*.

### Step #6:

Open up an SSH client ([Putty](#)) then Register & Log in to your VPS as root. Ubuntu(16.04) VPS is recommended.(For example:[Vultr](#))(You can use \$10/mo VPS with 1CPU/1G Memory/25GB SSD/1000GB Bandwidth.)



### Step #7:

Install INSTACASH wallet.

7.1-Download the package:

```
wget
https://github.com/insta-cash/instacash/releases/download/v1.1/instacash-1.1.0-x86_64-linux-g
nu.tar.gz
```

Due to document formatting problems, the command is broken into several parts, you can check the picture below to confirm the correct command format.(pic 7.1)



Pic7.1

7.2-Unzip the package:

```
tar -xvzf instacash-1.1.0-x86_64-linux-gnu.tar.gz
```

When the version is updated, replace the name of the package in the command.

7.3-Create *.instacash* directory:

```
cd /root/instacash-1.1.0/bin/
./instacashd
```

(Error will appear here, do not worry; If it stop here you can use **CTRL + C** to stop it.)

### Step #8:

Edit *instacash.conf* file & Start the service.

8.1-Edit *instacash.conf* file:

```
nano /root/.instacash/instacash.conf
```

8.2-Copy and paste the following into *instacash.conf*:

```
rpcuser=YOUR_USER_NAME
rpcpassword=YOUR_PASSWORD
rpcallowip=127.0.0.1
```

```
listen=1
server=1
daemon=1
maxconnections=256
masternode=1
logtimestamps=1
masternodeprivkey=MN_GENKEY
masternodeaddr=VPS_IP:46200
externalip=VPS_IP:46200
```

Modify the above information:

Change **YOUR\_USER\_NAME** to a username

Change **YOUR\_PASSWORD** to a secure password (random is recommended)

Replace **VPS\_IP** with your VPS IP address

Replace **MN\_GENKEY** with your masternode key from [step3.2]

8.3-Save and exit (**CTRL + X**).

8.4-Start the INSTACASH server:

```
cd /root/instacash-1.1.0/bin/
./instacashd
```

8.5-You can use the following command to get more information:

```
./instacash-cli getinfo
```

### Step #9:

Start Masternode!

9.1-Restart local wallet and Open the Debug Console.

9.2-Enter the following to start your Masternode(**MASTERNODE\_ALIAS\_NAME** from step3.3):

```
masternode start-alias MASTERNODE_ALIAS_NAME
```

**First unlock your wallet!**

9.3-You should see something very similar to this:

```
"alias" : "MASTERNODE_ALIAS_NAME",
"result" : "successful"
```

Or You can start your MN from the wallet's MasterNode tag, This will be easier.

9.4-You can use the following commands on the VPS to see the status of Masternode:

```
./instacash-cli masternode status
```

9.5-Keep your VPS and INSTACASH services running.

9.6-You can use this website to check your MN status <http://ich.mn.zone/>. Find your IP or address, if everything is ok, it shows **ENABLED**.

**If this tutorial helped you, can you give me some reward? Thank you very much!**

BTC:**14ryobRQka89HufypKMjVSQSYrTnVcavnQ**

ICH:**AXxGWUkEj4R2UtFvtXTUFvx3JrBY2RbGWB**

**Thank you for reading!--Mr\_Darkfly**