



QuantisNet Masternode setup guide V1.01
forked from PIVX
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Abstract

This is the guide for cold masternode setup. This means involves two wallets. One wallet will be installed remotely on your VPS server. They don't hold any of your coins. The second wallet will be installed on your local PC. They hold all your coins.

Both the wallets that is your remote VPS wallet and your local PC wallet will have a full copy of the blockchain. However your local wallet is the one that is safely holding the collateral amount and so you have full control of your private keys. Now using local controller wallet you'll create a secondary private key which is also called as masternode private key. This masternode private key doesn't give access to your coins but instead it acts as a communication. This key is the proof that you own the funds and it tells the cold online wallet to act on behalf of the hot wallet.

Now using local controller wallet you initiate communication and once the masternode is enabled you can safely close your local QT wallet and take it offline. Only your VPS wallet that has no coins will stay online 24/7.

1. Requirements

5001 QUAN (5000 collateral + 1 to cover any TX fees)

You can buy coins and withdraw them on some exchanges.

VPS server (Ubuntu 16.04)

You can rent it from Vultr, Digital Ocean and so on.

SSH client (e.g. putty [Windows only] <https://www.putty.org/>)

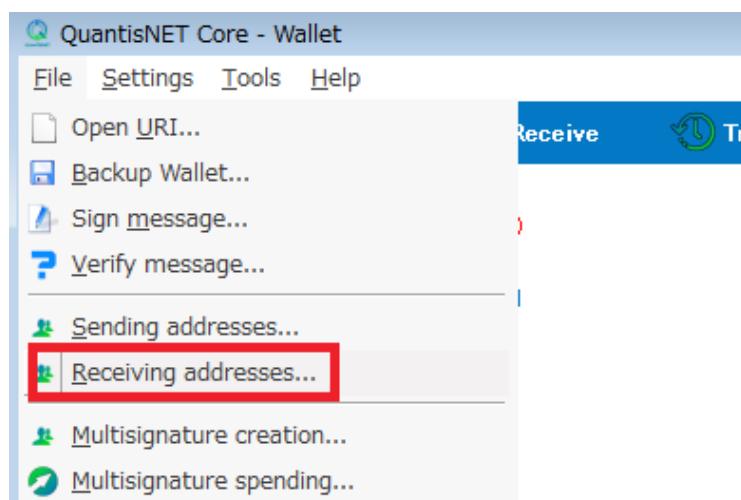
This is necessary for you to operate the server from the local PC.

2. Setup local PC wallet part 1 of 2

I. Download latest windows wallet from official release: <http://45.76.62.99/files/quantisnet-qt.exe>

II. Open the wallet

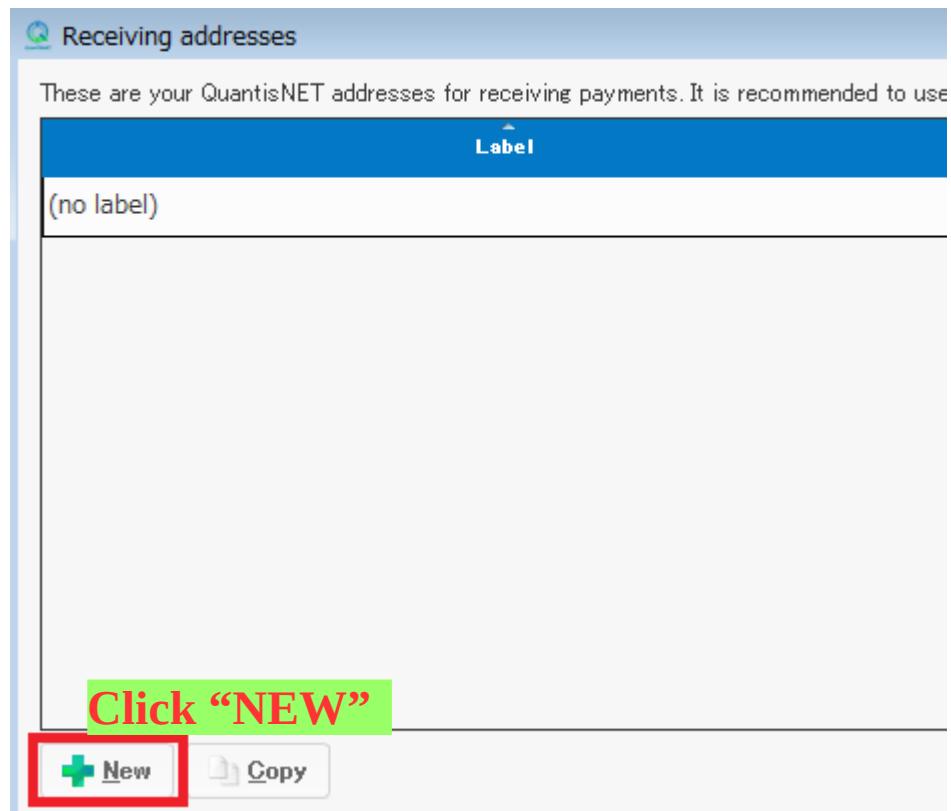
III. Wait for the wallet to synchronize





IV. Click “File” → “Receiving addresses...”

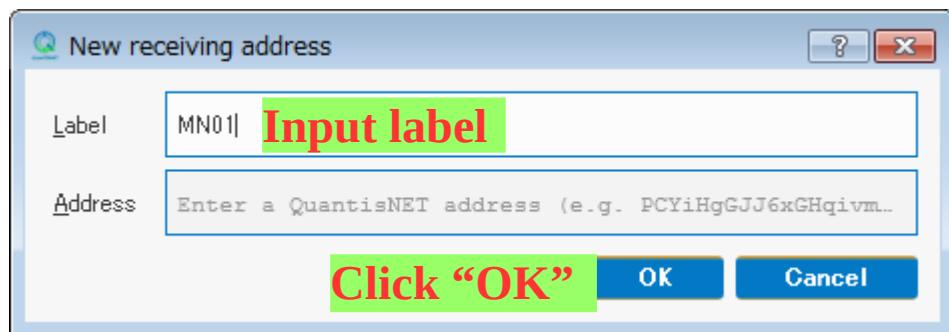
V. Click “New” and enter label name (e.g. MN01) and click OK



Click “NEW”

New

Copy



Click “OK”

OK

Cancel



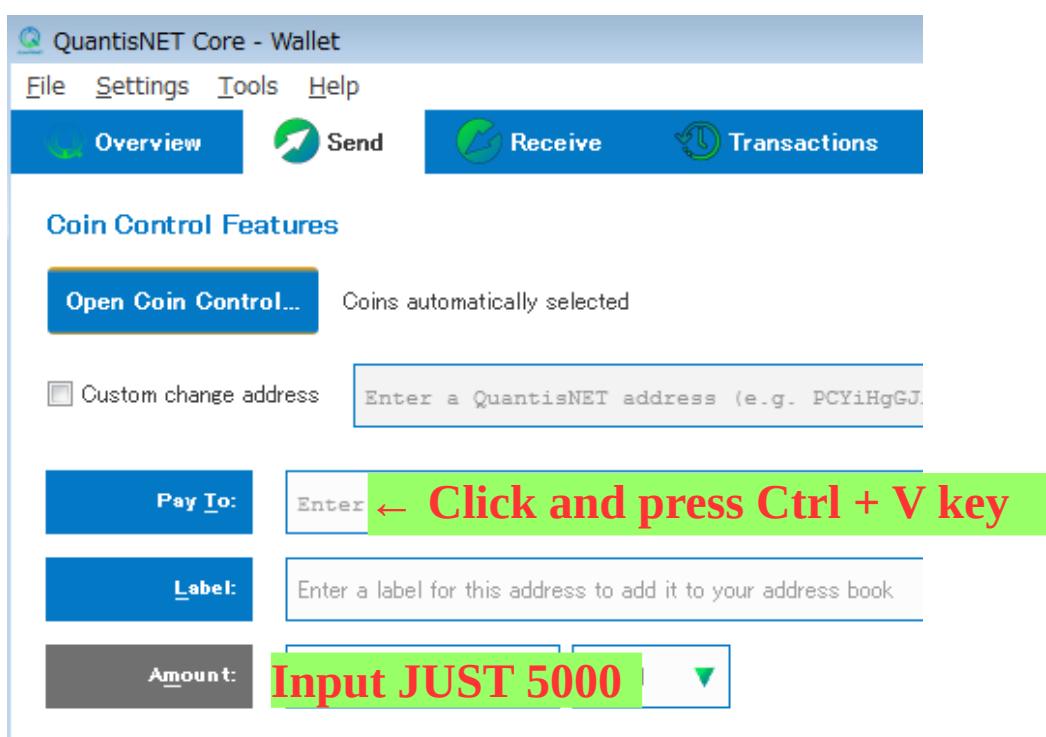
VI. Select the created address and click “Copy” then click “Close”



VII. Click “Send” tab and Ctrl + V

VIII. Then Input 5000 on “Amount”

Notice: Ensure that must be sent exactly 5000 QUAN and do it in a single transaction.



IX. If auto lock doesn't work, use "Coin Control" feature when setting the second and the subsequent masternode and do NOT check the boxes of collateral. (See the step 7)

X. Click "Send"

XI. Click "Tools" → "Debug console" then enter "masternode genkey"

XII. Write down the key(or leave the window as it is)

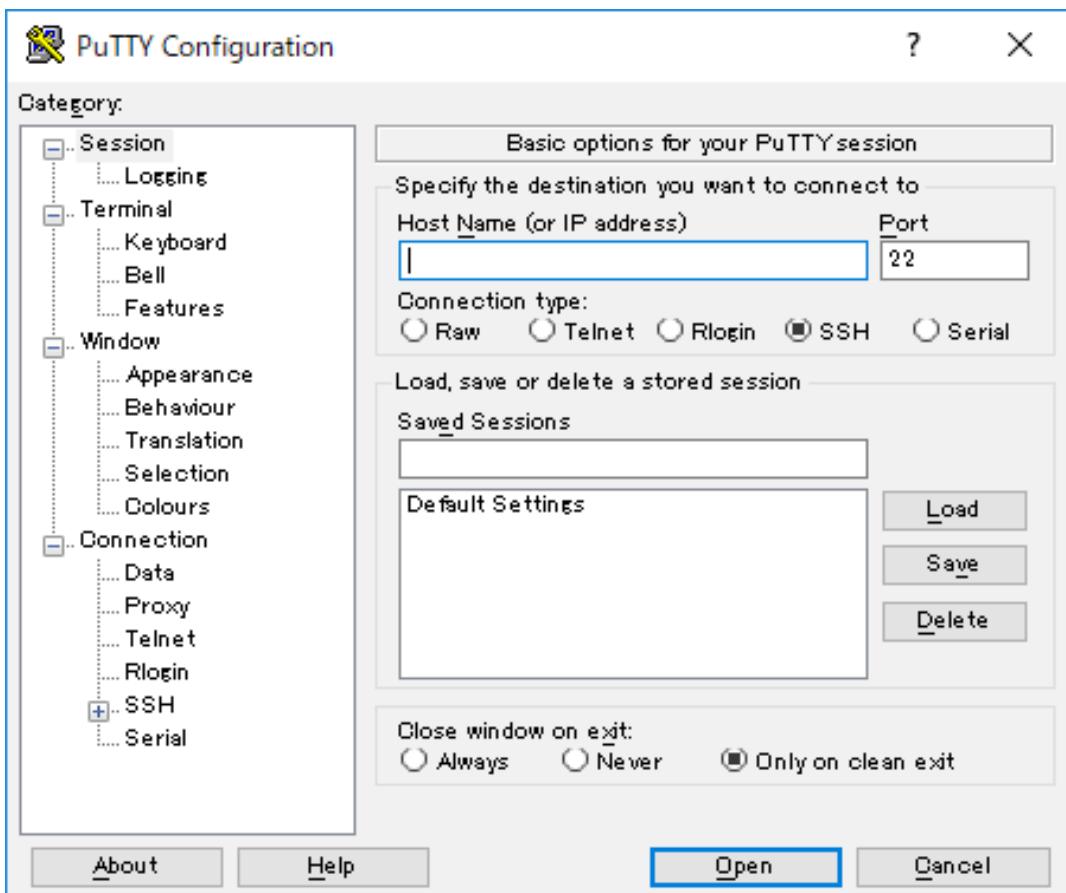
XIII. Wait for 1 confirmation(Go to next step while waiting)

If you use MAC, go to step 4

3. Setup putty

(Windows only <https://www.putty.org/>)

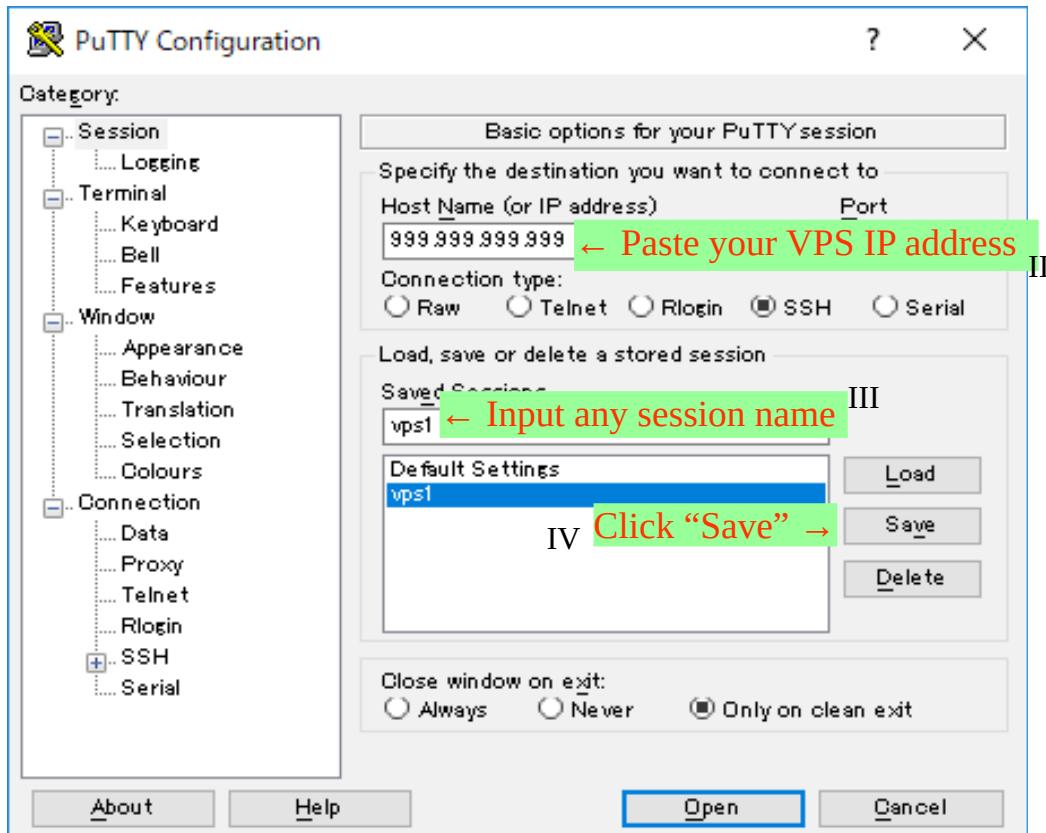
I. Open putty.exe



II. Paste your VPS IP address from VPS management screen

III. Input any session name

IV. Click “Save”

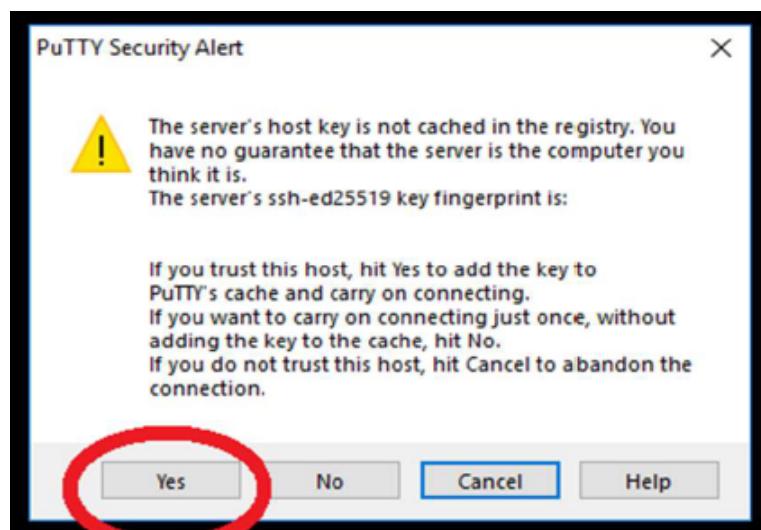


4.Login to VPS

I. Double click the session name and login to your VPS as “root”

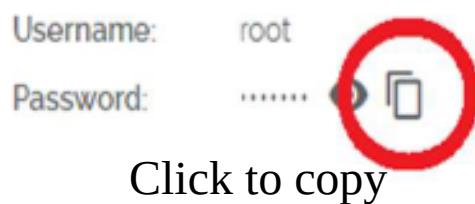
If you use MAC, use “Terminal” instead of putty (Input: ssh root@your vps ip)

II. If you got a security alert message, click “Yes”



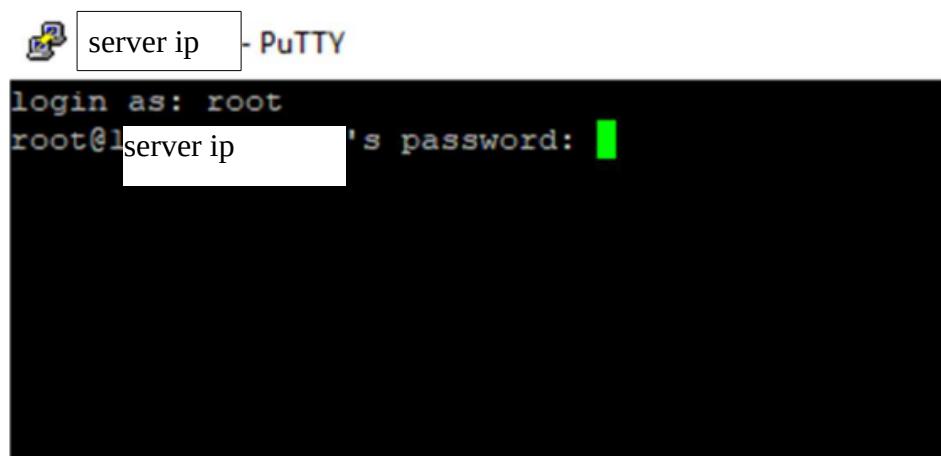


III. In your VPS management screen, copy the server's password



IV. In putty, paste the password

Notice: To paste in putty, right click ONCE (nothing will appear) and press ENTER key



5. Running setup script

I. Paste following into putty with right click to download

```
cd ~ && wget -q https://raw.githubusercontent.com/QuantisDev/QuantisNet-Fork-New-Chain/master/quan-mn.sh
```

II. Input: chmod +x quan-mn.sh

III. Run the script: ./quan-mn.sh

IV. Then follow instructions presented on the screen

6. Setup local PC wallet part 2 of 2

I. Back to the local wallet

II. After 1 confirmation, type masternode outputs on "Debug window"

III. Click "Tools" → "Open Masternode Configuration File"

IV. Edit the file

```
label vpsIP:port masternodekey collateraltx index
```

(e.g. MN01 123.456.789.0:5050 1234567890asdfghjk d0a362e103f7111489103bb99ea7f08b 1)

Notice: masternodekey(private key), collateraltx and index are pasted from Debug window

V. Save & close masternode.conf and the wallet.



7.Starting masternode

- I. Start the local wallet
- II. Check if both the local and VPS wallets are fully synced
(You can check current block with block explorer)
- III. Go to “Masternodes” tab
- IV. Go to My “Masternodes”

- V. Select Alias what you made at step2
- VI. Click Start

8.Checking masternode status

After 30 minutes to an hour, you can confirm that your masternode status changed to ENABLE

Setup Complete! You may close PuTTY, Terminal, debug window of the wallet

Notice: If you have not enough coins and want to get pos rewards, keep running the wallet

9.How to manage balances

- I. Use coin control feature
- II. Click “Settings” → “Options...”
- III. Open “Wallet” tab and enable “Enable coin control features” then click OK
- IV. Click “Send” tab and “Inputs...”
- V. Then you can select balances with left side check boxes



10. Official links

Website: <https://quantisnetwork.org/>

Explorer: <https://quantisexplorer.online/>

TradeOgre: <https://tradeogre.com/exchange/BTC-QUAN>

Crex24: <https://crex24.com/exchange/QUAN-BTC>

CoinMarketcap: <https://coinmarketcap.com/currencies/quantis-network/>

Investing.com Chart: <https://www.investing.com/crypto/quantis/chart>

Masternodecap.com: <https://masternodecap.com/coins/QUAN>

Nodecheck.io: <https://nodecheck.io/currency/QUAN>

LiveCoinWatch: <https://www.livecoinwatch.com/price/Quantis-QUAN>

Masternodes.pro: <https://masternodes.pro/stats/quan/statistics>

Coinlib <https://coinlib.io/coin/QUAN/Quantis>

CoinGecko <https://www.coingecko.com/en/coins/quantis>

Twitter: <https://twitter.com/QuantisNetwork>

Reddit: <https://www.reddit.com/r/Quantis/>

Discord: <https://discord.gg/MWxfyKg>

Telegram: <http://t.me/quantis>

Quantis Network Forum: <https://quantisnetworkforum.com/>

YouTube: <https://www.youtube.com/channel/UCfLDGUAH6PcQoxjPWShIIEQ/featured>

FaceBook: <https://www.facebook.com/Quantis-107598363410217/>

BitcoinTalk: <https://bitcointalk.org/index.php?topic=3354132.0>

Medium: <https://medium.com/@QuantisNetwork>

11. References

Hot Wallet Node vs Cold Masternodes – What you need to know

<https://coinguides.org/hot-wallet-cold-masternodes/>

12. Special thanks To:

Sizzlorr (setup guide: <https://quantisnetworkforum.com/viewtopic.php?f=9&t=13>)



13. Appendix (Manually VPS setup)

coming soon