DOMO Masternode Setup Guide

Here is a guide to help you configure a Masternode on a Windows based server, controlled from your local computer. The wallet on the Windows Masternode will be referred as the **"MN wallet"** and the **"Main wallet"** is the one on your local computer.

Basic requirements:

1. 1,000 DOMO on your main wallet
2. A main computer (it can be your everyday computer containing the main wallet where coins will be stored) = Main Wallet
3. Masternode Server (windows based VPS that will be on 24/7) = MN Wallet
4. A unique IP address for EACH masternode
   (For security reasons, you're gonna need a different IP for each masternode you plan to host)

The basic reasoning for these requirements is that, you get to keep your DOMO in your local wallet, and host your masternode remotely, securely.

Setting up the main wallet

1 - Go to your local computer where your main wallet is running with all your coins inside. Go to the wallet debug console and type :

getnewaddress MN1

MN1 can be replace by another alias, your name, or anything.

2 - Then copy the returned address and send exactly 1000 DOMO to this address.

To be sure that your coins won't be staked, I recommend to lock the wallet right after the transaction.

3 - Wait for 1 confirmation, now go to the debug console :

masternode outputs

You should see one line corresponding to the transaction id (*tx_id*) of your 1000 coins with a digit identifier (*digit*). Save these two strings in a text file.

Note that if you get more than 1 line, it's because you made multiple 1000 coins transactions, with the *tx_id* and *digit* associated.

4 - Now we have to create the masternode private key to link the main wallet and the Windows based masternode. Type in the debug console :

masternode genkey

Copy this key somewhere. It will be referred as *masternodeprivkey*.

5 - Next, you have to go to the data directory of your main wallet (in Linux it's located at /home/user/.domo) on Windows it's usually C:\Users\Username\AppData\Roaming. You can navigate there extra fast by typing %appdata% in your file explorer path.

Open the masternode.conf file with notepad and type :

MN1 IP:41992 masternodeprivkey tx_id digit

MN1 = your Masternode alias (step 1)

IP:41992 = the public IP of your masternode server (the one you get from your VPS provider, when purchasing a Server) followed by the port 41992 which will be opened in the router's firewall of your masternode server.

Masternodeprivkey = see step 4

Tx_id and digit = see step 3

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Example (everything on the same line in the conf file):

MN1 31.14.135.27:51472 892WPpkqbr7sr6Si4fdsfssjjapuFzAXwETCrpPJubnrmU6aKzh
c8f4965ea57a68d0e6dd384324dfd28cfbe0c801015b973e7331db8ce018716999 1
```

6 - After that, save it and close it. Restart your main wallet.

Note that each line of the masternode.conf file corresponds to one masternode.

Setting up the MN wallet

1 - Go to your Masternode server, download the DOMO wallet and create a new one.

2 - Next, you have to go to the data directory of your main wallet (in Linux it's located at /home/user/.domo) on Windows it´s usually C:\Users\Username\AppData\Roaming. You can navigate there extra fast by typing %appdata% in your file explorer path.

Open the domo.conf file with notepad and copy paste the following configuration :

rpcuser=user
rpcpassword=pass
rpcallowip=127.0.0.1
listen=1
server=1
daemon=1
externalip=IP
masternode=1
masternodeprivkey=masternodeprivke
ytxindex=1
logtimestamps=1
maxconnections=256
addnode=51.15.83.141
addnode=51.15.234.181
addnode=51.15.67.174
addnode=163.172.130.220
addnode=163.172.160.99
addnode=163.172.174.26

You need to change IP to your masternode server public IP, the masternodeprivkey is the one that you got from the main wallet (step 4) and choose whatever you like for user and password.

3 – Save the masternode.conf file and restart your MN wallet and wait till the synchronisation of the blockchain is complete.

Starting the Masternode (back to the main wallet)

Go back to the Masternode tab in your main wallet.

You need to wait for 15 confirmations in order to start the masternode. Select the line corresponding to the masternode.

Click "start-alias". Your masternode should be now up and running !

If your wallet is locked/encrypted, you need to unlock it first.

We can now open the TCP ports 41992 and 41993 in the router firewall and also in the Windows firewall.
Please check this guide for Windows :

https://www.windowscentral.com/how-open-port-windows-firewall

And refer to your router userguide or your provider for your device.

Checking the Masternode status

You can check the masternode status by going to the masternode wallet and typing:

masternode status

If your masternode is running it should print "Masternode successfully started". Sometimes your output transaction get staked during the process, as local wallet got staking enabled by default, so please check if your outputs still exist (as said in step 2 of the main wallet setup, don't forget to lock your wallet right after you've sent the 1000 DOMOs)

Check back after 1-2 hours, if you got your first Masternode rewards. Leave the local wallet open and enable staking!

Congratulations you have setup your Masternode successfully.

Thank you for supporting the project!

Please let me know, if everything worked for you,

Have a nice day!