**DIGIMONEY MASTERNODE SETUP**

COLD WALLET ON WINDOWS WITH LINUX VPS

This tutorial shows the steps required to setup your Digimoney Masternode on a Linux server and

run your wallet on a Windows operating system as the controller.

**REQUIREMENTS**

• 2500 DGM

• **Linux, Windows and network knowledge**, if you don’t have basic windows,linux and network ask some friend who you trust because the process includes sensitive information.

• SSH Client to connect to your server + root access

www.putty.org

• VPS Linux server

UBUNTU 16.0.4 64 Bits operating system Recommended

1 GHZ CPU

1 GB RAM

Fixed Ip address, if you have a dynamic you have to reconfigure the parameters if it change.

**VERY IMPORTANT : FIREWALL MUST ALLOW CONNECTIONS ON PORT** **33290**

 Create Swap file if you have less than 2GB RAM, follow the bellow procedures using root user.

1. dd if=/dev/zero of=/swapfile bs=1024 count=2097152
2. chmod 0600 /swapfile
3. mkswap /swapfile
4. swapon /swapfile
5. edit /etc/fstab to include the following entry:

/swapfile swap swap defaults 0 0

**PREPARING THE MASTERNODE SERVER** (VPS LINUX)

Open a shell and type the following commands to install the dependencies needed for the

digimoney daemon:

sudo apt-get update

sudo apt-get install build-essential libtool automake autoconf

sudo apt-get install autotools-dev autoconf pkg-config libssl-dev

sudo apt-get install libgmp3-dev libevent-dev bsdmainutils libboost-all-dev

sudo add-apt-repository ppa:bitcoin/bitcoin

sudo apt-get update

sudo apt-get install libdb4.8-dev libdb4.8++-dev

sudo apt-get install libminiupnpc-dev

sudo apt-get install git

**INSTALLING THE DEAMON** (VPS LINUX)

It is recommended to build your wallet from source available on Github.

For the purpose of this tutorial, we will install the digimoney deamon from Github.

Type the following commands:

git clone <https://github.com/juninhodecio/digimoney.git>

After finishing go to the digimoney folder and execute the commands:

cd digimoney/

cd src/

make -f makefile.unix

cp digimoneyd /usr/bin

Create the file

/root/.digimoney/digimoney.conf

use your favorite editor

include the lines: feel free to change username and password

rpcuser=digimoneyrpc

rpcpassword=anypassword

rpcallowip=127.0.0.1

listen=1

server=1

daemon=1

staking=0

**Important information here:**

**If your VPS provider assign an internal(non valid) IP to your network interface you have to include the parameter:**

**masternodeaddr=yourexternalip:33290**

**Examples:**

**Amazon AWS – parameter required because an internal IP (172.31.x.x) is assigned to the network interface**

**Vultr – parameter NOT required because the valid external IP is assigned to the network interface**

Save and start the daemon for the 1st time

digimoneyd

Digimoney server starting

Wait for sync

digimoneyd getinfo

{

    "version" : "v1.0.0.3-60010-dgm1",

    "protocolversion" : 60010,

    "walletversion" : 60000,

    "balance" : 0.00000000,

    "darksend\_balance" : 0.00000000,

    "newmint" : 0.00000000,

    "stake" : 0.00000000,

    "blocks" : 7320,

    "timeoffset" : 0,

    "moneysupply" : 575305.00000000,

    "connections" : 3,

    "proxy" : "",

    "ip" : "0.0.0.0",

    "difficulty" : 4658.41159174,

    "testnet" : false,

    "keypoololdest" : 1516739225,

    "keypoolsize" : 101,

    "paytxfee" : 0.00001000,

    "mininput" : 0.00000000,

    "errors" : ""

}

**VERY IMPORTANT : FIREWALL MUST ALLOW CONNECTIONS ON PORT** **33290**

**Before proceed you have to make sure the firewall is ok.**

**You can use** [**http://ping.eu/port-chk/**](http://ping.eu/port-chk/) **put your vps ip address and port 33290**

**If you have firewall problems fix before proceeding to the next step.**

**PREPARING THE LOCAL WALLET** (WINDOWS)

The local wallet installed on your local machine (Windows) acts as the controller wallet for your

masternode. It contains the masternode settings and can activate your remote masternode on

your VPS.

In the Digimoney Core wallet, go to “help > debug windows – debug console” and type:

getnewaddress MN1

Go to “Send” and send EXACTLY 2500 DGM to the earlier generated address.

Now go to Debug console and type:

masternode outputs

You should see something like “<collateralTXID>” : “<TXINDX>”, the <collateralTXID> is a long

alphanumerical string, whereas the <TXINDX> is a small number, usually 1 or 0.

\*\*\* Take a note of this information.

In the “ Debug console” type:

masternode genkey

\*\*\* Take a note of this information.

Now go to “masternode > my masternodes > create” and add the parameters:



<alias>: Any name can be given – let’s use MN1 here

<VPS IP:33290>: The external IP address of your remote VPS and port 33290

<privkey>: The key you generated earlier when typing masternode genkey

in the debug console.

<TxHash>: The long alphanumerical string when typing masternode outputs

in the debug console.

<OutputIndex>: The small number when typing masternode outputs in the debug

console.

Save the file and close the Digimoney Core wallet.

Go back to your VPS Linux server

Edit the file

/root/.digimoney/digimoney.conf

use your favorite editor

include the lines:

masternode=1

masternodeprivkey=masternodeprivkey

where masternodeprivkey is the key you generated earlier when typing masternode genkey

in the debug console.

Save the modifications

Stop daemon – digimoneyd stop

Start daemon – digimoneyd start

Go back to your windows wallet My masternodes tab



click update, select your masternode and click start.

**DIGIMONEY MASTERNODE LINUX HOT SETUP**

HOT WALLET ON LINUX VPS OR LOCAL SETUP

This tutorial shows the steps required to setup your Digimoney Masternode on a Linux VPS or local, your coins and masternode use the same wallet, you need only 1 wallet to complete the setup.

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rpcallowip=127.0.0.1

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server=1

daemon=1

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**If you have firewall problems fix before proceeding to the next step.**

Generate masternode address:

digimoneyd getnewaddress MN1

Go to “Send” and send EXACTLY 2500 DGM to the earlier generated address.

Generate masternode key

masternode genkey

\*\*\* Take a note of this information.

Go back to your Linux server

Edit the file

/root/.digimoney/digimoney.conf

use your favorite editor

include the lines:

masternode=1

masternodeprivkey=masternodeprivkey

where masternodeprivkey is the key you generated earlier when typing masternode genkey

in the debug console.

Save the modifications

Stop daemon – digimoneyd stop

Start daemon – digimoneyd start

Start the masternode

digimoneyd masternode start

**DIGIMONEY MASTERNODE WINDOWS HOT SETUP**

HOT WALLET ON WINDOWS VPS OR LOCAL SETUP

This tutorial shows the steps required to setup your Digimoney Masternode on a WINDOWS VPS or local, your coins and masternode use the same wallet, you need only 1 wallet to complete the setup.

Download windows wallet and extract to your preferred location.

<https://s3.amazonaws.com/digimoney/wallets/digimoney-qt_win.zip>

Start the wallet and wait the sync process.

**VERY IMPORTANT : FIREWALL MUST ALLOW CONNECTIONS ON PORT** **33290**

**Before proceed you have to make sure the firewall is ok.**

**You can use** [**http://ping.eu/port-chk/**](http://ping.eu/port-chk/) **put your vps ip address and port 33290**

**If you have firewall problems fix before proceeding to the next step.**

Generate masternode address:

Go to Receive > New address and create a new address

Go to “Send” and send EXACTLY 2500 DGM to the earlier generated address.

Generate masternode key

Go to help > debug window > console and type

masternode genkey



\*\*\* Take a note of this information.

Go to the digimoney.conf location :

Change the windows configuration to show hidden files and folders

C:\Users\XXX\AppData\Roaming\Digimoney

Where XXX = your windows username

Edit the file digimoney.conf include the lines:

rpcuser=digimoneyrpc

rpcpassword=anypassword

rpcallowip=127.0.0.1

listen=1

server=1

daemon=1

masternode=1

masternodeprivkey=masternodeprivkey

where masternodeprivkey is the key you generated earlier when typing masternode genkey

in the debug console.

Save the modifications

**Important information here:**

**If your VPS provider assign an internal(non valid) IP to your network interface you have to include the parameter:**

**masternodeaddr=yourexternalip:33290**

**Examples:**

**Amazon AWS – parameter required because an internal IP (172.31.x.x) is assigned to the network interface**

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Close wallet and start again to activate the parameters.

Go to debug console again and type

masternode start