

MASTERNODE SETUP GUIDE

PREPARATION

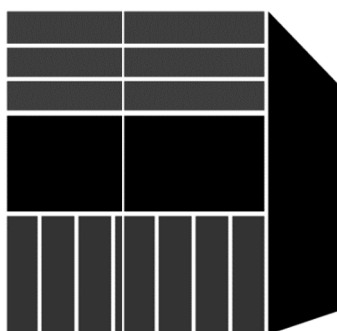
This guide describes the procedure for setting up the masternode.

When setting up the master node, please check the following:

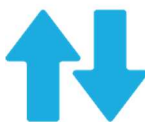
- Holds 10000 Omotenashi Coin
- Local PC: Wallet (Windows 10 environment) for saving Omotenashi Coin launches
- Remote PC (VPS) (Ubuntu 16.04) starts up

OVERALL VIEW

Remote PC Ubuntu
(Remote Wallet)



omotenashicoind



Global IP Address
to access SSH/Telnet

Local PC Windows
(Local Wallet)



omotenashicoind-qt.exe

STEP 0 : PREPARATION

If your wallet is running, to exit.

Register the following contents in% appdata% ¥ OMOTENAHICOIN

¥ omotenashicoin.conf:

```
enablezeromint=0  
zeromintpercentage=0
```

After registration, start wallet again.

STEP1 : LOCAL WALLET CREATE ADDRESS FOR MASTER NODE

1. From the Windows 10 wallet menu, select [File] -> [Receiving address] .



- Specify [mn1] for the label and create a new address.

NOTE: The label name created here will be used in the following settings

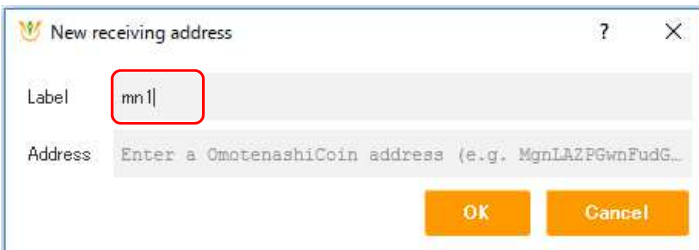


受信用アドレス

These are your OmotenashiCoin addresses for receiving payments. It is recommended to use a new receiving address for each transaction.

Label	アドレス
(no label)	MoxNJRx7hxoKF3XZnQTfXp15t8MeYvhsvm

+ 新規 複製 エクスポート 閉じる



New receiving address

Label

Address

OK Cancel

STEP 2 : MONEY WILL BE SENT TO THE ADDRESS (MN 1)

1. From another wallet or a local wallet, you remit 10000 MTNS to the newly added address (mn 1)
2. You will wait until the transferred information is approved (around 15 minutes)

STEP 3 : GENERATE A MASTER KEY IN THE LOCAL WALLET

1. Select [Tools] -> [Debug console] and open the debugging console.

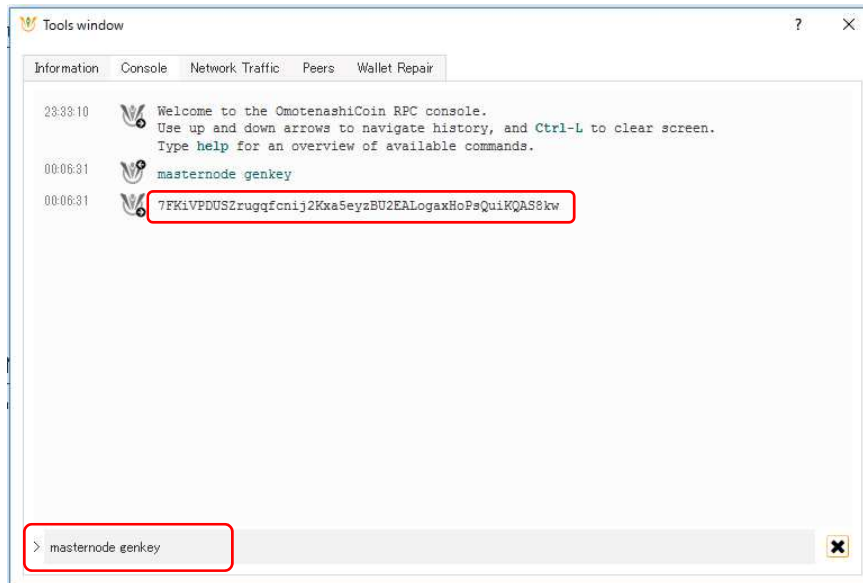


2. Enter the following command:

```
masternode genkey
```

Write down the execution result.

NOTE: This is the masternode genkey we will use later in the setup

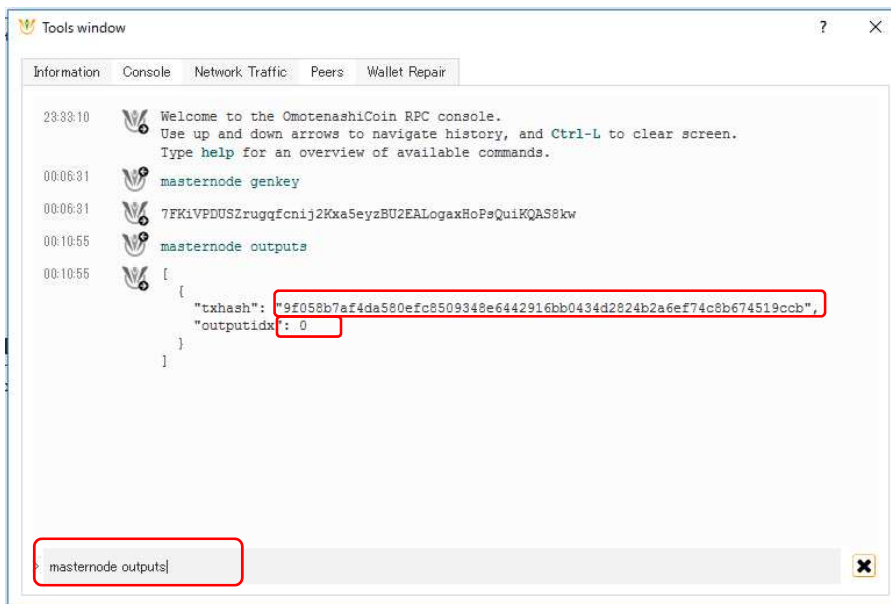


STEP 4 : CHECK OUTPUT OF MASTER NODE

1. Enter the following command from the debug console:

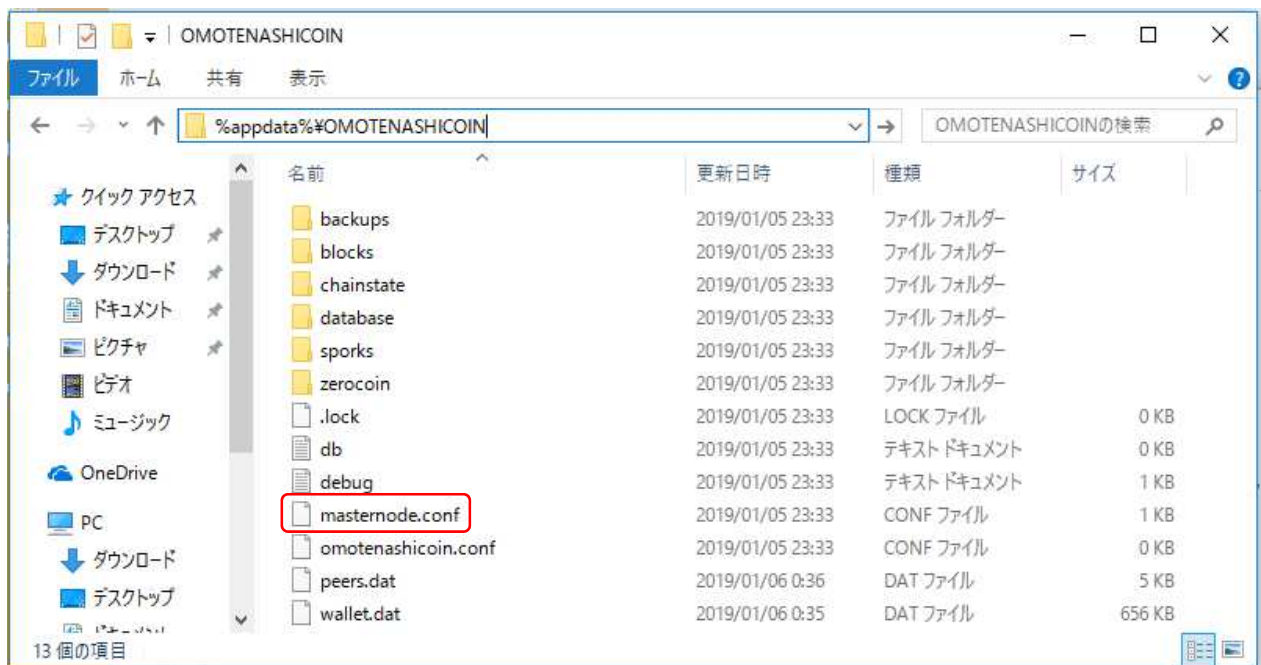
```
masternode outputs
```

Write down the execution result.



STEP 5 : WRITE THE MASTERNODE SETTING IN THE CONF FILE

1. Shut down Wallet
2. Go to the data directory (% appdata% ¥ OMOTENASHICOIN) and add the following line to masternode.conf.



Example)

NOTE: The following content is described on one line.

```
mn1 139.12.115.195: 12181  
7FKiVPDUSZrugqfcnij2Kxa5eyzBU2EALogaxHoPsQuiKQAS8kw  
9f058b7af4da580efc8509348e6442916bb0434d2824b2a6ef74c8b674519ccb 0
```

Setting up the local wallet (on Windows) is finished.

Next, set up the remote wallet (on Ubuntu Linux).

STEP 6 : INSTALL OMOTENASHI COIN CLIENT ON UBUNTU LINUX

1. Install the latest version of Omotenashi Coin module on Ubuntu VPS.

STEP7 : CONFIGURE MASTERNODE WITH VPS

1. Edit omotenashicoin.conf in the data directory.

```
mkdir ~/.omotenashicoin  
vi ~/.omotenashicoin/omotenashicoin.conf
```


2. Add the following line:

NOTE: do not need '<' and '>' in following line. change YourUsername and YourPassword.

```
rpcuser=< YourUsername >
rpcpassword=< YourPassword >
enablezeromint=0
zeromintpercentage=0
rpccallowip=127.0.0.1
listen=0
server=1
daemon=1
logtimestamps=1
maxconnections=64
masternode=1
externalip=< VPS global ip address >
bind=< VPS global ip address >
masternodeaddr=< VPS global ip address >:12181
masternodeprivkey=< Step3(2) input genkey command result value >
```

STEP 8 : START MASTERNODE

1. Launch the local wallet.
2. Enter the following command on the local wallet debug console:

```
startmasternode alias false <label name of address of masternode>
```

Example) label name of address of masternode : mn1

When executed, the following will be displayed:

```
"overall" : "Successfully started 1 masternodes, failed to start 0, total 1",  
"detail" : [  
  {  
    "alias" : "<Name of your masternode>",  
    "result" : "successful",  
    "error" : ""  
  }  
]
```

3. Start masternode on the remote wallet.

```
./omotenashicoind -daemon  
./omotenashicoin-cli startmasternode local false
```

After about an hour, the message "masternode started normally" is displayed.

4. Check the status of the masternode on the remote wallet.

```
./omotenashicoin-cli masternode status
```

The following items are displayed:

```
{  
  "txhash" :  
    "49012766543cac37369cf3813d6216bddd1b9a8ed03ac690221be10aa5edd6c",  
  "outputidx" : 1,  
  "netaddr" : "< your VPS ip address >:12181",  
  "addr" : "< your wallet address >",  
  "status" : 4,  
  "message" : "Masternode successfully started"  
}
```

The setup of Masternode is finished.

<Appendix>

VPS registration registration and setting

For details, refer to "VPS_VULTR_SETUPGUIDE.pdf".

We will use vultr for VPS URL : <https://www.vultr.com/?ref=7447858>

Automatic setup of Masternode

We have prepared a script to automatically set up steps 6 and 7 above.

For details, please refer to "MASTERNODE_AUTOSETUP_GUIDE.pdf".

Step 1: Download the script from the repository

```
git clone https://github.com/omotenashicoin-project/mtns_tools.git  
cd mtns_tools
```

Step 2: Run the script

```
sh masternode-vps-script.sh
```

Setup is done along the screen.

Canceling Masternode setting

Step 1: Stop the master node on the remote wallet

```
./omotenashicoin-cli stop
```

Step 2: Delete masternode configuration from local wallet

1. Shut down Wallet
2. Go to the data directory and delete the line created in step 7 from masternode.conf
3. Start wallet again
4. 10000 MTNS will be unlocked



MTNS
OmotenashiCoin

