

Masternode Setup Guide for BLE

Ready

For Masternode, Users need Local Wallet (Cold node) with 10,000 BLE and Remote wallet (Hot node - VPS).

For Masternode of BLE, definitely 10,000 BLE is required.

And Masternode must run 24/7.

For example, you can purchase VPS for Hot node with 1 CPU, 1GB RAM, 25GB SSD from <https://www.digitalocean.com/> Or <https://www.vultr.com/>.

Configuration

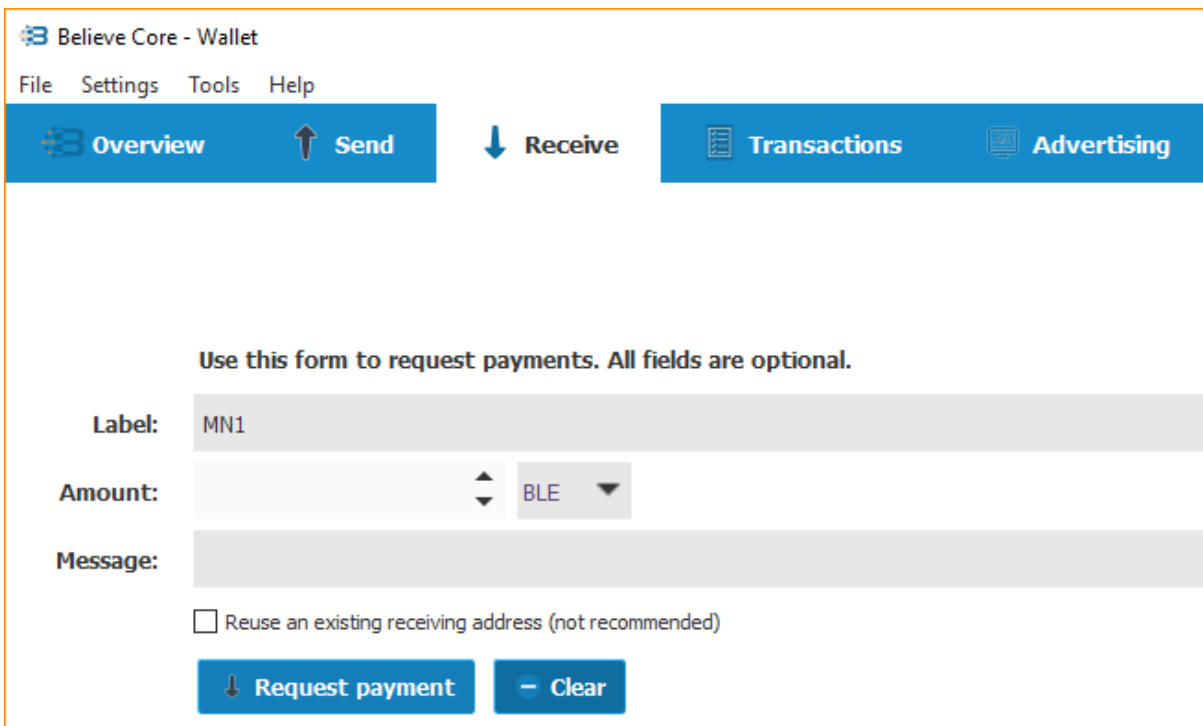
Step 1. (Local PC)

Run believe-qt.exe from your Local PC.

Step 2. (Local PC)

On <Receive> tab, create address as Label like “MN1”.

- First type “MN1” in Label.
- Click <Request payment> button, so you can get address for “MN1”



The screenshot shows the 'Believe Core - Wallet' application window. The 'Receive' tab is active, displaying a form to request payments. The form includes fields for 'Label' (containing 'MN1'), 'Amount' (with a spinner and a unit dropdown set to 'BLE'), and 'Message'. Below these fields is a checkbox labeled 'Reuse an existing receiving address (not recommended)'. At the bottom are two buttons: 'Request payment' and 'Clear'.

Believe Core - Wallet

File Settings Tools Help

Overview Send Receive Transactions Advertising

Use this form to request payments. All fields are optional.

Label: MN1

Amount: [Spinner] BLE

Message:

☐ Reuse an existing receiving address (not recommended)

Request payment Clear

Step 3. (Local PC)

Send correctly 10,000 BLE to MN1 address.

Step 4. (Local PC)

Wait full confirm(the number of confirm for sending is 6).

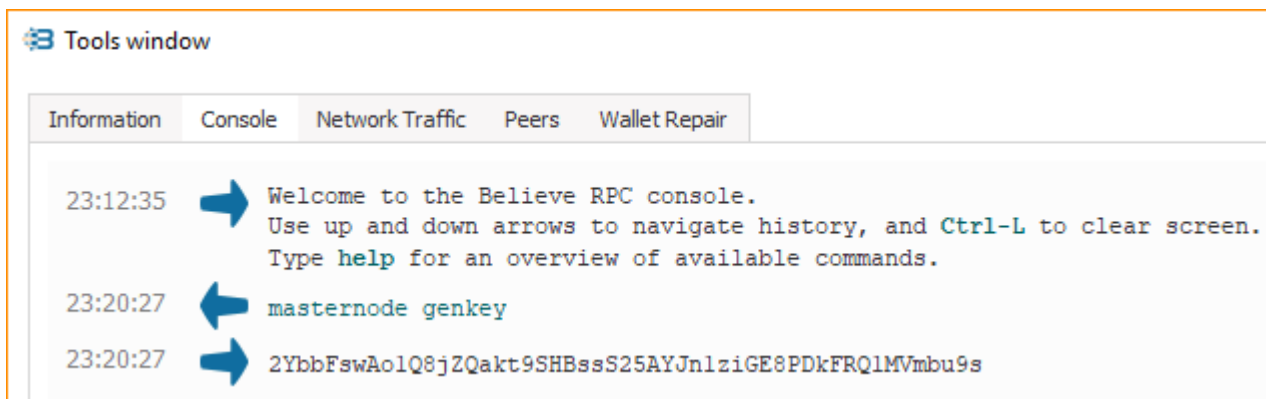
Step 5. (Local PC)

Get masternode private key and txid and index of outputs.

For this, open <Tools/Debug console> and use below command.

masternode genkey

2YbbFswAo1Q8jZQakt9SHBssS25AYJn1ziGE8PDkFRQ1MVmbu9s



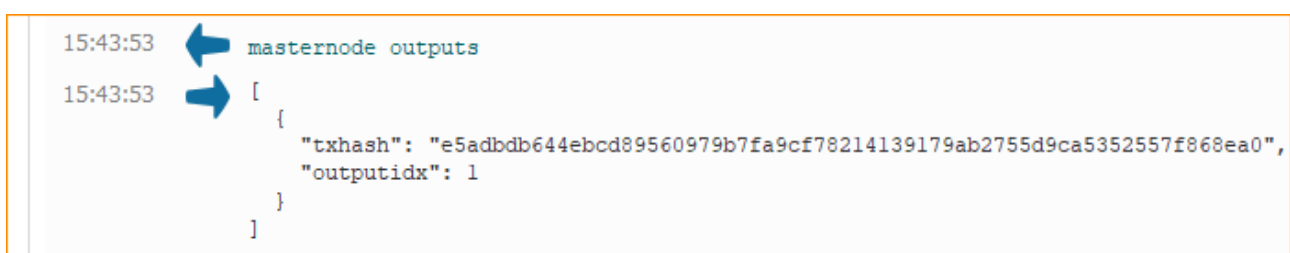
The screenshot shows the 'Tools window' with the 'Console' tab selected. It displays three lines of text: a welcome message at 23:12:35, the command 'masternode genkey' at 23:20:27, and the resulting private key '2YbbFswAo1Q8jZQakt9SHBssS25AYJn1ziGE8PDkFRQ1MVmbu9s' at 23:20:27. Blue arrows indicate the flow of the command and its output.

```
23:12:35 Welcome to the Believe RPC console.  
Use up and down arrows to navigate history, and Ctrl-L to clear screen.  
Type help for an overview of available commands.  
23:20:27 masternode genkey  
23:20:27 2YbbFswAo1Q8jZQakt9SHBssS25AYJn1ziGE8PDkFRQ1MVmbu9s
```

- For outputs txid and index, type this command.

masternode outputs

```
[  
  {  
    "txhash":  
"e5adbdb644ebcd89560979b7fa9cf78214139179ab2755d9ca5352557f86  
8ea0",  
    "outputidx": 1  
  }  
]
```



The screenshot shows the debug console with the command 'masternode outputs' entered at 15:43:53. The output is a JSON array containing one object with 'txhash' and 'outputidx' fields. Blue arrows indicate the command and its output.

```
15:43:53 masternode outputs  
15:43:53 [  
  {  
    "txhash": "e5adbdb644ebcd89560979b7fa9cf78214139179ab2755d9ca5352557f868ea0",  
    "outputidx": 1  
  }  
]
```

Step 6. (Local PC)

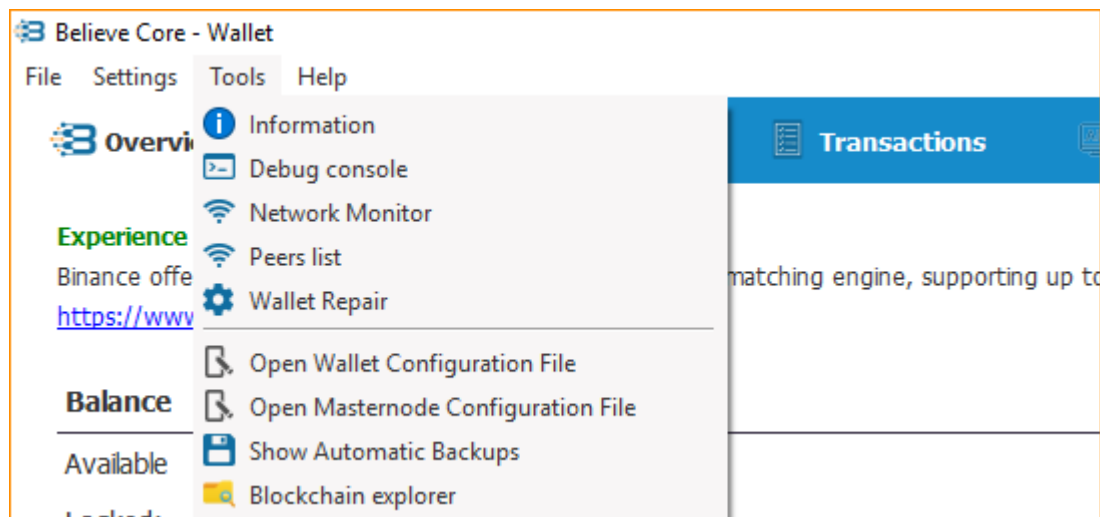
Click <Tools/Open masternode Configuration File> in menu bar, so open masternode.conf file, and then add line as below format and save.

```
# Label publicip:defaultport privkey txid txindex
```

```
MN1 51.40.145.72:33672
```

```
2YbbFswAo1Q8jZQakt9SHBssS25AYJn1ziGE8PDkFRQ1MVmbu9s
```

```
e5adbdb644ebcd89560979b7fa9cf78214139179ab2755d9ca5352557f868ea0 1
```



Step 7. (VPS)

- Connect VPS with putty.

- Please run daemon.

```
root# believed -daemon
```

```
root# believe-cli stop
```

- Open /root/.believe/believe.conf file, then add lines like below and save.

```
root# nano ./believe/believe.conf
```

```
rpcuser=rpcusername  
rpcpassword=rpcpassword  
rpcallowip=127.0.0.1  
listen=1  
server=1  
daemon=1  
logtimestamps=1  
masternode=1  
port=33672  
masternodeaddr= 51.40.145.72:33672  
masternodeprivkey=2YbbFswAo1Q8jZQakt9SHBssS25AYJn1ziGE8PDkFR  
Q1MVmbu9s  
externalip=51.40.145.72:33672
```

Here, rpcuser and rpcpassword is random.

And IP is IP of Local PC(Cold node).

- Again run daemon.

root# ./believed

Step 8. (Local PC)

Restart the believe-qt.exe.

Step 9. (Local PC)

In <Masternode> tab, you can see your masternode installed.

At that time, <status> is “Missing”.

After you select masternode row, click <Start Alias> or <Start All> button.

And then you can see message “Successfully started 1 masternodes, failed to start 0, total 1”.

Step 10. (Local PC)

Wait till the time when masternode <status> is “Enabled”.

Maybe it may take long time.