



MasterNode Set-Up guide

You have two option – to either compile daemon yourself or to download precompiled daemon. It's up to your preference and we'll include guides for both. For newcomers to MasterNodes, we advise using the precompiled.

1.a Use precompiled daemon

Commands for basic setup

```
sudo apt-get update  
sudo apt-get install wget  
sudo apt install vim  
sudo apt-get install libdb5.3++  
sudo apt-get install libboost-all-dev  
sudo apt-get install unzip  
wget  
https://github.com/Stipend-Developer/stipend/releases/download/1.0.7/precompiled-daemon-1.0.7.zip  
unzip precompiled-daemon-1.0.7.zip
```



1.b Compile daemon yourself

Commands for basic setup

```
sudo apt-get update  
sudo apt-get install libdb5.3++  
sudo apt-get install libboost-all-dev  
  
sudo apt-get install dh-autoreconf build-essential libtool  
autotools-dev autoconf automake libssl-dev libboost-all-dev  
libevent-dev bsdmainutils libminicppc-dev libprotobuf-dev  
protobuf-compiler libqrencode-dev software-properties-common  
libgmp3-dev git nano  
  
sudo add-apt-repository ppa:bitcoin/bitcoin  
sudo apt-get update  
sudo apt-get install libdb4.8-dev libdb4.8++-dev  
git clone https://github.com/Stipend-Developer/stipend cd stipend  
chmod +x ./compile-daemon.sh  
./compile-daemon.sh
```



2. Wallet Side

Send 5,000 SPD to a NEWLY created address. (1 INPUT, NO FEES)
Save the TXhash of this transaction (available in Transactions -> Transaction details).

Open the console tab, Enter command: "masternode genkey".

Enter command: "masternode outputs".

Copy both address somewhere.

3.a Get back on the VPS (Precompiled)

```
./stipendd --daemon  
killall stipendd  
cd .stipend  
Now goto section 4.
```

3.a Get back on the VPS (Self-Compiled)

```
cd Stipend/src  
./stipendd --daemon  
cd ../../stipend
```

4. Changing Configuration File

nano stipend.conf

- You now need to fill up stipend.conf with all your informations.

And type in the following:

```
rpcuser=user
```

```
rpcpassword=password
```

```
server=1
```

```
listen=1
```

```
daemon=1
```

```
staking=0
```

```
masternode=1
```

```
masternodeaddr=IP:PORT
```

```
masternodeprivkey=YOURKEY
```

Save the stipend.conf file

To save the text you just typed, click Ctrl+X and

when asked whether you want to save the changes,

confirm with Y.

Now type: cd ..

./stipendd --daemon (works also without --daemon)

Then : ./stipendd getinfo

You should see connexions : >1 (if not, you are doing something wrong, retype the command line 2 or 3 type to see if it increase)

Go to your stipend folder, where your wallet & conf are.
Create a new notepad.

5. Get on the wallet

Go to your stipend folder, where your wallet & conf are.

Create a new notepad.

Enter in one line:

MN1 IP:PORT privkey txid txheight

(ex: MN1 1.1.1.1:46978 nJ6EHGdbszTXAXqGSrXqdzM

da33e72b1a27cd915d0e095df38b 1)

File, save as, type "masternode.conf"

(> your file should not me masternode.conf but

"masternode.conf" when saving)

Start your wallet;

Either: Type in console; masternode start-many or masternode start-alias

Go to Masternode; Start button.

To start MN from local wallet, you should have you wallet unlocked first!

Issue encountered:

I deposited 5,000 SPD, but it doesn't show up in masternode outputs / I have the VIN allocation issue

- in this case:
 - the transaction was not confirmed yet (you'll have to wait at least 10 block confirmation (transaction see the clock on the left), or
 - you didn't deposit the collateral in exactly one transaction, or
 - you may have accidentally spent some of the 5,000 SPD in another transaction
 - you deposited the collateral to another account, not managed by this wallet.

In most cases, you can simply create a new account (in the same wallet) and transfer the coins again in one 5,000SPD transaction. It may seem silly to transfer money within your own wallet, but we will need a valid blockchain transaction to use as a collateral for the masternode.

Can I get coins out of my masternode account?

Yes, but you'll have to be very careful not to touch the 5,000 SPD collateral. You will need to use Coin Control to exclude those 5,000 SPD collateral from your transaction.