



COLD WALLET STEP BY STEP SETUP TUTORIAL FOR BEGINNERS

This tutorial shows the steps required to setup your cold wallet.

Let's get started!

1. GETTING VPS SERVER FROM VULTR.COM (UBUNTU 17.10)

2 Server Type

64 bit OS | 32 bit OS | Application | Upload ISO | ISO Library | Backup | Snapshot

- CentOS SELECT VERSION
- CoreOS Stable x64
- Debian SELECT VERSION
- Fedora SELECT VERSION
- FreeBSD SELECT VERSION
- OpenBSD 6 x64
- Ubuntu 1710 x64**
- Windows SELECT VERSION

3 Server Size

Temporarily Sold Out	25 GB SSD	40 GB SSD	60 GB SSD
	\$2.50/mo \$0.004/h	\$10/mo \$0.015/h	\$20/mo \$0.03/h
1 CPU 512MB Memory 500GB Bandwidth	1 CPU 1024MB Memory 1000GB Bandwidth	1 CPU 2048MB Memory 2000GB Bandwidth	2 CPU 4096MB Memory 3000GB Bandwidth

Servers Qty: Summary: **\$5.00/mo** (\$0.007/h)

Deploy Now

2. SYNCHRONIZE THE WALLET

Run the wallet client and close it. Go to your roaming folder, which in WINDOWS OS case is %appdata% Magnet and open magnet.conf with notepad.

Roaming

File | Home | Share | View

← → ↑ ↓ This PC > Local Disk (C:) > Users > H > AppData > Roaming

Name	Date modified	Type	Size
Adobe	06.11.2017 0:28	File folder	
Macromedia	28.10.2017 13:25	File folder	
Magnet	14.01.2018 13:51	File folder	
Microsoft	21.12.2017 3:28	File folder	
.lock	27.11.2017 2:09	LOCK File	0 KB
blk0001.dat	14.01.2018 13:56	DAT File	77 715 KB
db	27.11.2017 2:09	Text Document	0 KB
debug	14.01.2018 0:57	Text Document	161 150 KB
magnet	09.12.2017 8:35	CONF File	1 KB
mastermode	13.01.2018 23:53	CONF File	3 KB
mncache.dat	14.01.2018 0:57	DAT File	208 KB
peers.dat	14.01.2018 13:51	DAT File	396 KB
smsg	14.01.2018 0:57	Configuration sett...	1 KB

%appdata%

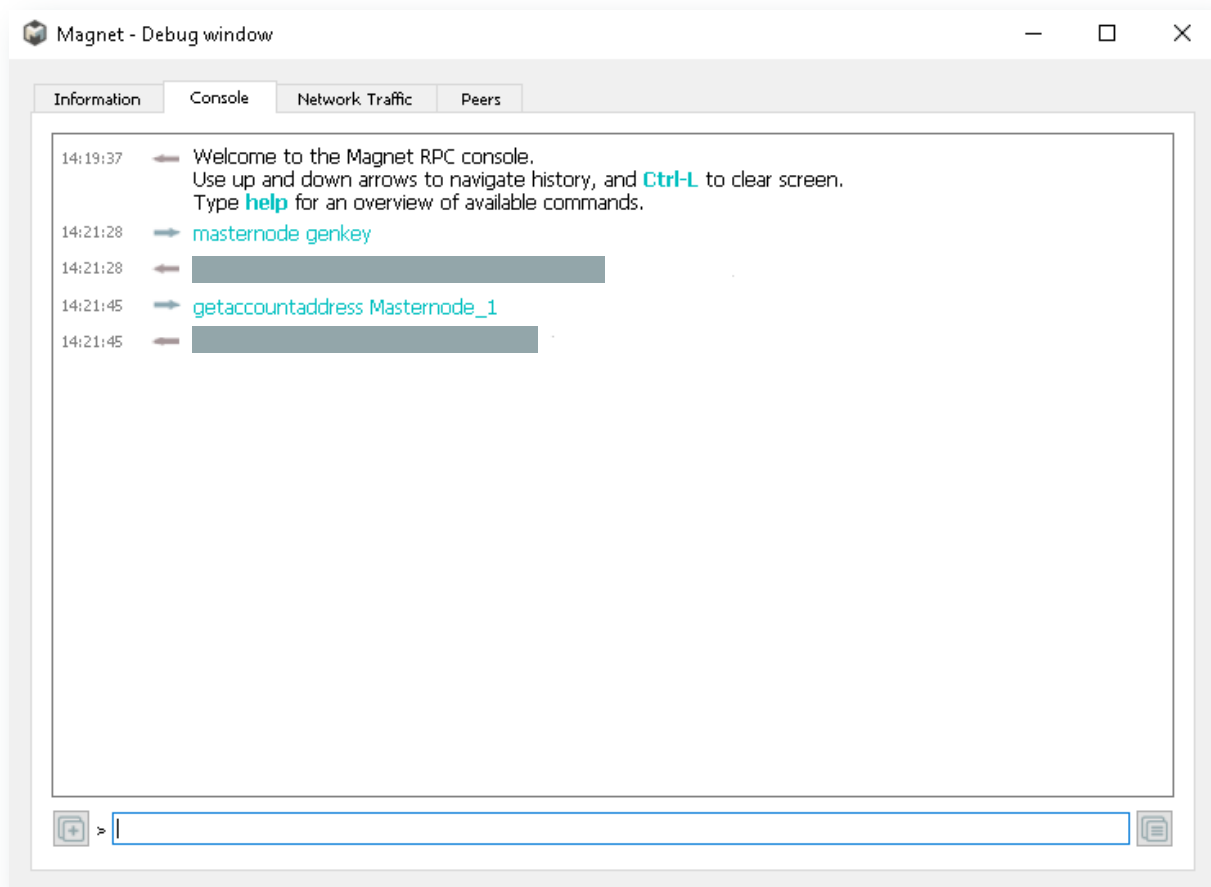
MAGNET.CONF CONTENTS:

```
rpcallowip=127.0.0.1
rpcport=17179
rpcuser=RANDOM
rpcpassword=RANDOM
server=1
daemon=1
listen=1
staking=0
port=17177
debug=all
maxconnections=45
addnode=35.195.167.40:17177
addnode=35.199.188.194:17177
addnode=104.196.155.39:17177
addnode=35.197.228.109:17177
addnode=35.198.35.45:17177
addnode=35.197.145.93:17177
addnode=35.199.1.114:17177
addnode=35.201.4.254:17177
addnode=35.188.240.39:17177
addnode=35.199.48.8:17177
addnode=146.148.79.31:17177
addnode=104.196.202.240:17177
addnode=35.195.122.245:17177
addnode=35.198.82.29:17177
addnode=35.200.247.198:17177
addnode=35.200.22.69:17177
addnode=35.201.14.20:17177
addnode=35.198.23.18:17177
addnode=104.199.194.138:17177
addnode=35.185.189.143:17177
```

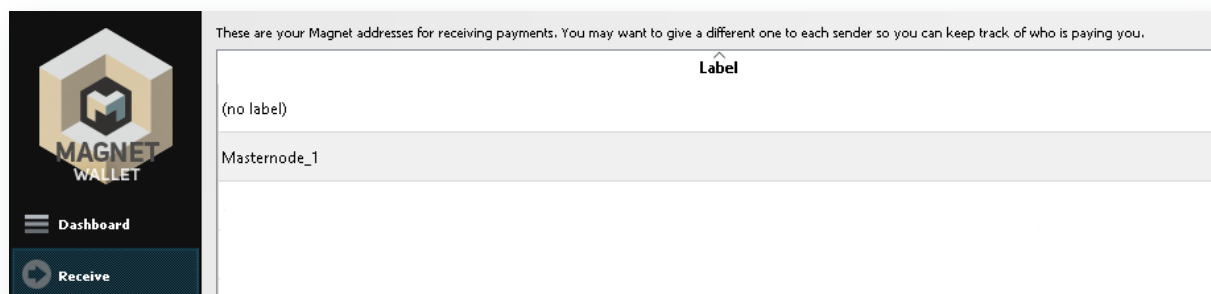
3. SYNCHRONIZE AND ENCRYPT THE WALLET, BACKUP THE WALLET

4. SETTING UP THE MASTERNODE (GO TO THE HELP > DEBUG WINDOW AND CONSOLE TAB)

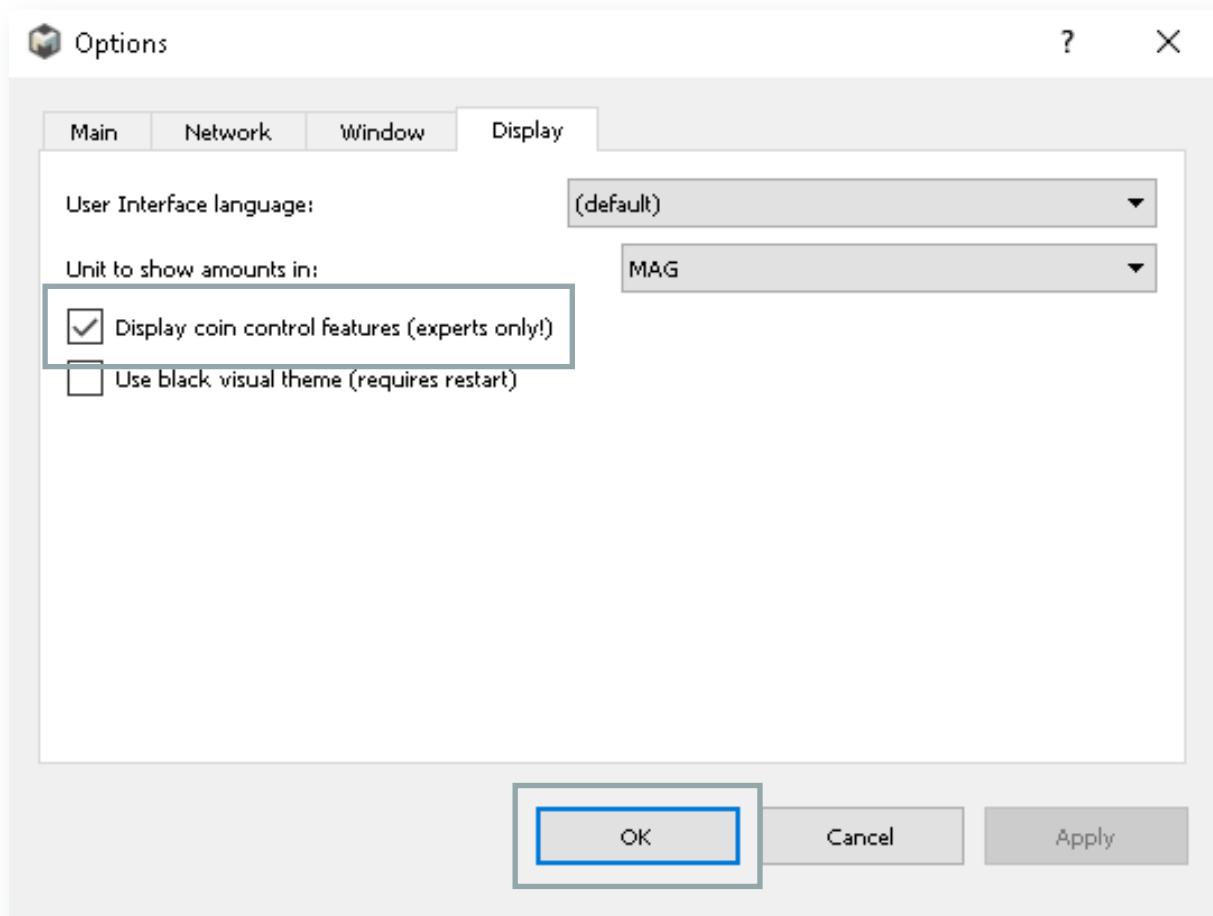
- Generate new private key – **masternode genkey**
- Generate new address for masternode – **getaccountaddress Masternode_1**
(PS! You can name the address as you like)



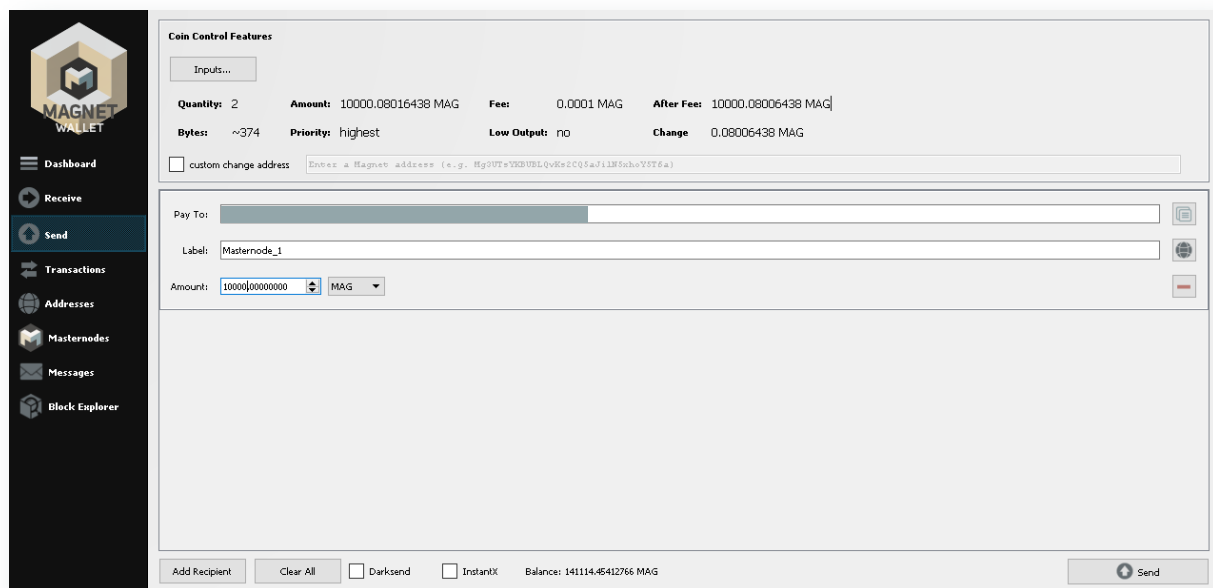
Now you send from the default address (no label) exactly 10000 mag to the generated masternode address, which is named „Masternode_1“ in this example.



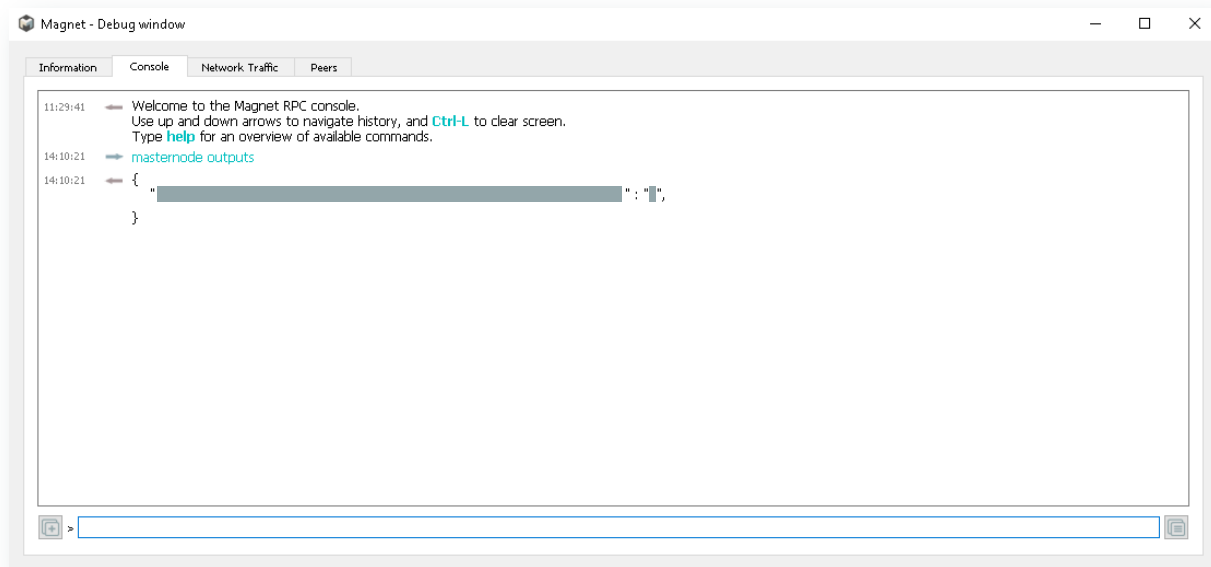
PS! Enable the coin control features: Settings > Options > Display tab



5. SEND EXACTLY 10000 MAG TO GENERATED MASTERNODE ADDRESS (EXAMPLE „MASTERNODE_1“)



6. GO TO DEBUG CONSOLE AFTER 1 BLOCK CONFIRMATIONS AND WRITE MASTERNODE OUTPUTS. THEN YOU WILL GET THE TRANSACTION ID AND INDEX NUMBER (1 OR 0) IN THE END.



7. UNTIL THIS STAGE, YOU SHOULD HAVE THE FOLLOWING INFORMATION COLLECTED TOGETHER:

- Masternode private key (**masternode genkey**)
- Masternode address (**getaccountaddress Masternode_1**)
- Transaction id and index (**masternode outputs**)
- VPS ipv4 address (see from provider page)

8. SETTING UP VPS

- 8.1 If you're using Windows download and install putty:
Source: <https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>
- 8.2 Log in to vps server via putty, login details from VPS provider web-page.
(PS you can paste the contents using the right mouse key)
- 8.3 Copy all the lines one by one:

PREPARING THE VPS SERVER:

```
sudo apt-get install build-essential libtool automake autotools-dev autoconf pkg-config  
libssl-dev libgmp3-dev libevent-dev bsdmainutils  
sudo apt-get install 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 unrar
# INSTALLING THE DAEMON:
mkdir magnet
cd magnet
wget http://magnetnetwork.io/Wallets/magnet-qt-LINUX.rar
unrar e magnet-qt-LINUX.rar
chmod +x magnetd
# STARTING THE DAEMON:
./magnetd
# then you get error message that you must set rpcpassword in conf file
# check what contents you have by typing ls -l
# you should have: magnetd, magnet-qt, magnet-qt-LINUX.rar
# at magnet# you type
nano /root/.magnet/magnet.conf

# then copy the following:
rpcallowip=127.0.0.1
rpcport=17179
rpcuser=/RANDOMUSERNAME/
rpcpassword=/RANDOMPASSWORD/
server=1
daemon=1
listen=1
staking=1
port=17177
masternode=1
masternodeprivkey=YOURMASTERNODEPRIVATEKEY
masternodeaddr=YOURVPSADDRESS:17177
debug=all
addnode=35.195.167.40:17177
addnode=35.199.188.194:17177
addnode=104.196.155.39:17177
addnode=35.197.228.109:17177
addnode=35.198.35.45:17177
addnode=35.197.145.93:17177
addnode=35.199.1.114:17177
addnode=35.201.4.254:17177
addnode=35.188.240.39:17177
```

```
addnode=35.199.48.8:17177
addnode=146.148.79.31:17177
addnode=104.196.202.240:17177
addnode=35.195.122.245:17177
addnode=35.198.82.29:17177
addnode=35.200.247.198:17177
addnode=35.200.22.69:17177
addnode=35.201.14.20:17177
addnode=35.198.23.18:17177
addnode=104.199.194.138:17177
addnode=35.185.189.143:17177
```

Then save the folder by clicking control + x, Y and enter (follow commands)

```
./magnetd
```

then it should give you message: Magnet server starting

also advisable to put firewall

```
sudo apt-get install ufw
```

```
ufw allow 17177
```

```
ufw allow 22
```

```
sudo ufw added rules
```

```
sudo ufw enable
```

Close the putty terminal

9. IN MAGNET QT

1. Name your masternode
2. YOURVPSADDRESS:17177
3. YOURMASTERNODEPRIVATEKEY
4. TXID (masternode outputs from console)
5. Output index (masternode outputs from console, number 1 or 0)

Press **OK**

Press **UPDATE**

Unlock the wallet (also remove box „unlock for staking only“)

Press the **Start** button

