



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)

The screenshot shows the Vultr.com server selection interface. It is divided into two main sections: 'Server Type' and 'Server Size'.

Server Type: This section offers various operating systems. The '64 bit OS' tab is selected. The options are: CentOS (SELECT VERSION), CoreOS (Stable x64), Debian (SELECT VERSION), Fedora (SELECT VERSION), FreeBSD (SELECT VERSION), OpenBSD (6 x64), **Ubuntu (17.10 x64)** (highlighted with a blue box and a checkmark), and Windows (SELECT VERSION).

Server Size: This section offers four server configurations. The '25 GB SSD' option is highlighted with a blue box. The configurations are:

- 20 GB SSD:** Temporarily Sold Out. Price: \$2.50/mo (\$0.004/h). Specs: 1 CPU, 512MB Memory, 500GB Bandwidth.
- 25 GB SSD:** Price: \$5/mo (\$0.007/h). Specs: 1 CPU, 1024MB Memory, 1000GB Bandwidth.
- 40 GB SSD:** Price: \$10/mo (\$0.015/h). Specs: 1 CPU, 2048MB Memory, 2000GB Bandwidth.
- 60 GB SSD:** Price: \$20/mo (\$0.03/h). Specs: 2 CPU, 4096MB Memory, 3000GB Bandwidth.

At the bottom, there is a 'Servers Qty:' dropdown set to '1' and a 'Summary:' section showing '\$5.00/mo (\$0.007/h)'. A blue 'Deploy Now' button is highlighted with a blue box.

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.

The screenshot shows a Windows File Explorer window. The address bar indicates the path: This PC > Local Disk (C:) > Users > H > AppData > Roaming. The left sidebar shows the 'This PC' view with the '%appdata%' folder selected. The main pane shows a list of folders and files:

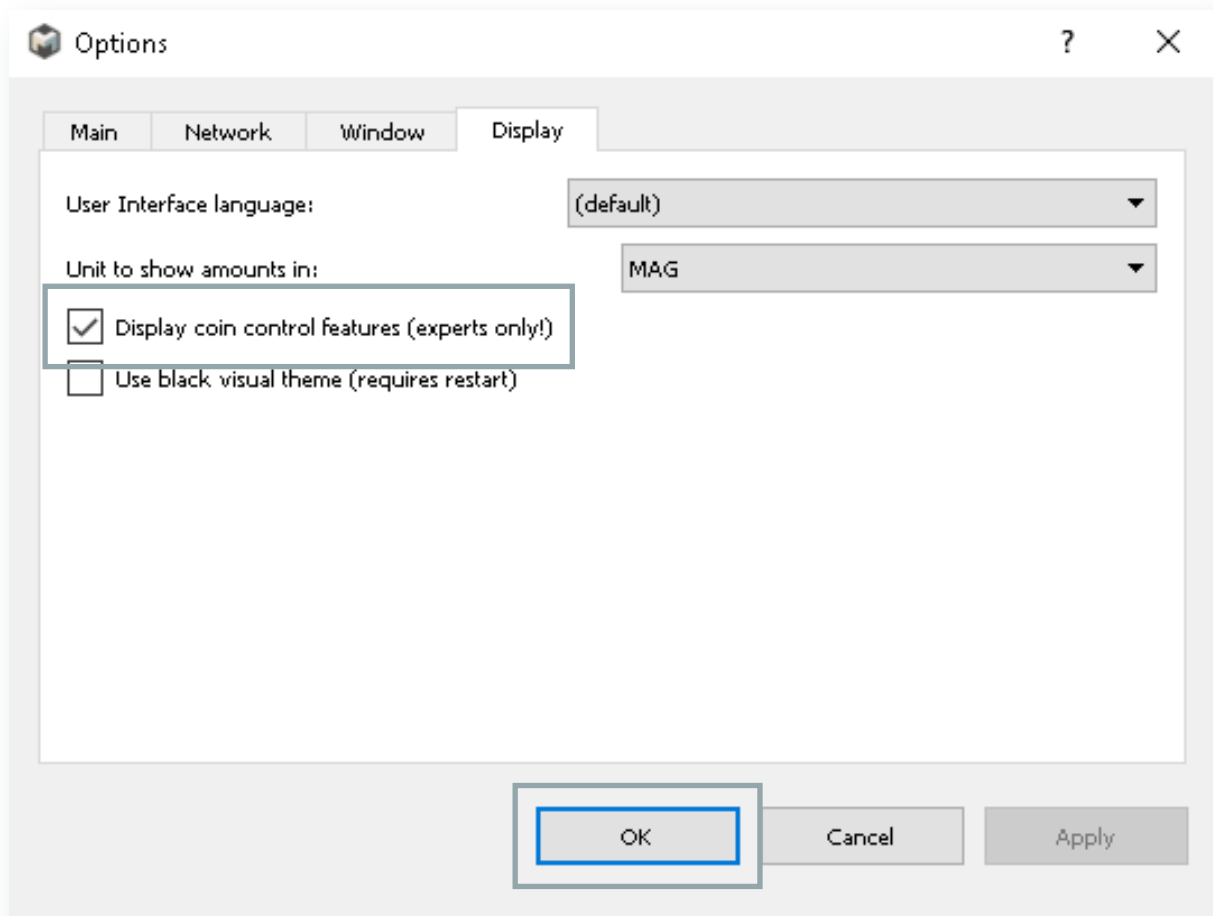
Name	Date modified	Type	Size
Adobe	06.11.2017 0:28	File folder	
Macromedia	28.10.2017 13:25	File folder	
Magnet	14.01.2018 13:51	File folder	
Microsoft	21.12.2017 3:28	File folder	
.lock	27.11.2017 2:09	LOCK File	0 KB
blk0001.dat	14.01.2018 13:56	DAT File	77 715 KB
db	27.11.2017 2:09	Text Document	0 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

MAGNET.CONF CONTENTS:

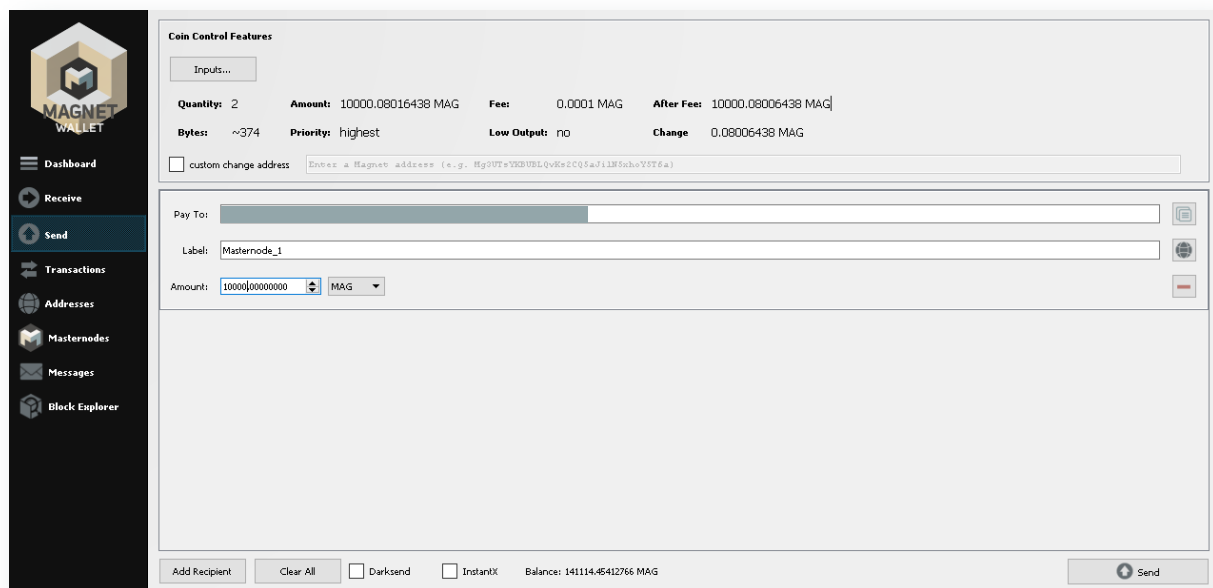
```
rpcallowip=127.0.0.1
rpcport=17179
rpcuser=RANDOM
rpcpassword=RANDOM
server=1
daemon=1
listen=1
staking=0
port=17177
debug=all
maxconnections=45
addnode=35.195.167.40:17177
addnode=35.199.188.194:17177
addnode=104.196.155.39:17177
addnode=35.197.228.109:17177
addnode=35.198.35.45:17177
addnode=35.197.145.93:17177
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

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



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



INSTALLING THE DAEMON:

```
mkdir magnet
cd magnet
wget https://magnetnetwork.io/Wallets/magnet-qt-LINUX.tar.gz
tar -xvzf magnet-qt-LINUX.tar.gz
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

