Running a Masternode on a Windows VDS: Step-by-Step Guidelines

WARNING1: *To set up a masternode without issues, we strongly recommend you to complete the guidelines step-by-step and don't put the cart before the horse. Please wait as much time as the guidelines suggest and only after it, continue to install your masternode. If you install more than one masternode, then start repeating all the steps for each of your masternodes only after you finish the installation process for the previous one.*

WARNING2: *The guidelines are given for the installation on the VDS run on Windows Server 2003. As for the local operating system, we use Windows 7. You are free to install your masternode(s) the way you like, but in our guidelines, we describe the simplest and the most convenient way.*

Please take into account these two warnings before installing your masternode(s).

Masternode Installation Process: Follow these Step-by-Step Instructions

Type the next line in debug console (the one that is in your local PZDC wallet; if you haven't yet installed the wallet, please download it from the official website and install it):

==*getnewaddress choose-your-name*==

You've just got your masternode address (shown to you as a sequence of letters/numbers). Save it and then execute

==*sendtoaddress your-fresh-masternode-address 25000*==

25000 is the number of coins required to set up a masternode. So you've just sent the required number of coins to your newly created address. You've also received the ID of your transactions. Save it as you'll need it further.

Now please take a short break: you have to wait for 16 confirmations for your transaction validation. It usually takes about 30 minutes, no longer. Once the time is out (please make sure the transaction is verified), execute

==*createmasternodekey*==

You've just received your masternode key. Be sure to save it, and then execute

==*masternode outputs*==

Now please save the number that follows the long sequence of number and letters that you've just received. This number is typically 0 or 1, but it may differ in your case.

Find the *masternode.conf* file on your local PC (As we have Windows 7, the file is located in *C:\Users\username\AppData\Roaming\pzdc*. If you run Linux, the directory is */home/yourname/.pzdc*. If you operate Max, look for the file in */Users/username/Library/Application Support/pzdc/*) and add there

masternode.conf setting syntax;

==*address_label vps_ip:21212 masternode_genkey masternode_outputs-txhash masternode_outputs-outputidx*==

Note that:

address_label is the name used when you created a new wallet address
vps_ip is the IP address of your VPS;
masternode_genkey is your MN private key obtained in step 1.
masternode_outputs-txhash is the txhas obtained in step 1.
masternode_outputs-outputidx is the outputidx number obtained in step 1.

Note that the code above must be written in a line, so we use spacing between each of its commands. Please do exactly the same.

Preliminaries to Complete on Your Remote VDS Server

Now please open your local wallet, select the *Masternodes* tab and apply *Start alias* to your masternode. *Enable* should appear.

Now please pass to your local PC, access the server (local PC: *Start->All Programs->Standard-> Remote Desktop Connection*), type in your VDS IP and push *Connect*. In your VDS remote terminal, please type the initial username and password that you've received by email (or check it on your VDS panel).

You have to open the 21212 port (*Start -> Control Panel->Windows Firewall*). Open *Exception-> Add port,* and then choose any name and the 21212 port number for the TPC type. Click *Ok*. Do the same for the UDP type.

You've just completed the preliminaries!

Masternode Installation on Your Remote VDS Server

If you haven't yet downloaded the PZDC wallet, please do it. Open your wallet and wait until it's synchronized. Then open the *pzdc.conf* file (you can find this file via Windows Explorer) and add

```
rpcuser=rpc_user
rpcpassword=rpc_password
rpcallowip=127.0.0.1
rpcport=21213
listen=1
server=1
daemon=1
listenonion=0
externalip=vps_ip
bind=vps_ip:21212
masternode=1
masternodeprivkey=wallet_mn_genkey
addnode=45.77.204.60
```
Be sure to enter your own rpc_user,rpc_password,vps_ip, and wallet_mn_genkey.

Run your PZDC wallet and wait until it's synchronized. Check whether you've done everything

right by executing

masternode status

in debug console.

Wow! You've just granted yourself passive income!