PUSHI MASTERNODE GUIDE FOR WINDOWS

Running a masternode via Windows is often an easier method of running a Masternode (*although this is not recommended for security and stability reasons*), With this method, you will be using your wallet directly as a masternode, **keeping it open 24/7**.

Recommended minimum specifications for Windows MN are as follows:

- 1 CPU at least 2GHZ or greater
- 1GB of RAM
- Externally accessible port 9846/9847
- Externally routable IP address

NOTE: If someone gains access to your server and manages to obtain your wallet password, you may lose all of your PUSHI. If you choose to follow this method, it is at your own risk. You MUST set a wallet password and ensure your machine is protected as best as possible at all times.

There are two steps, first configuring your PUSHI wallet, then configuring your PUSHI wallet to be a masternode.

Step 1: Configuring your PUSHI wallet

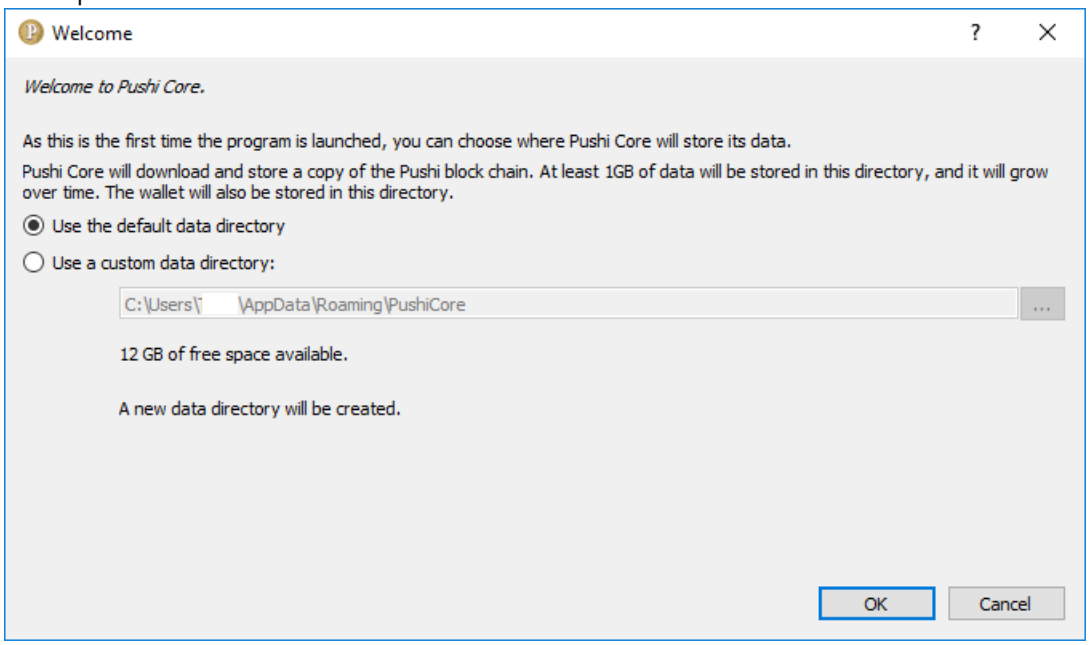
In this step, you will configure your PUSHI QT wallet in “masternode mode”.

1.1: Download the latest version of the Windows QT wallet

Download the latest version from our web site: https://www.pushiplay.pw

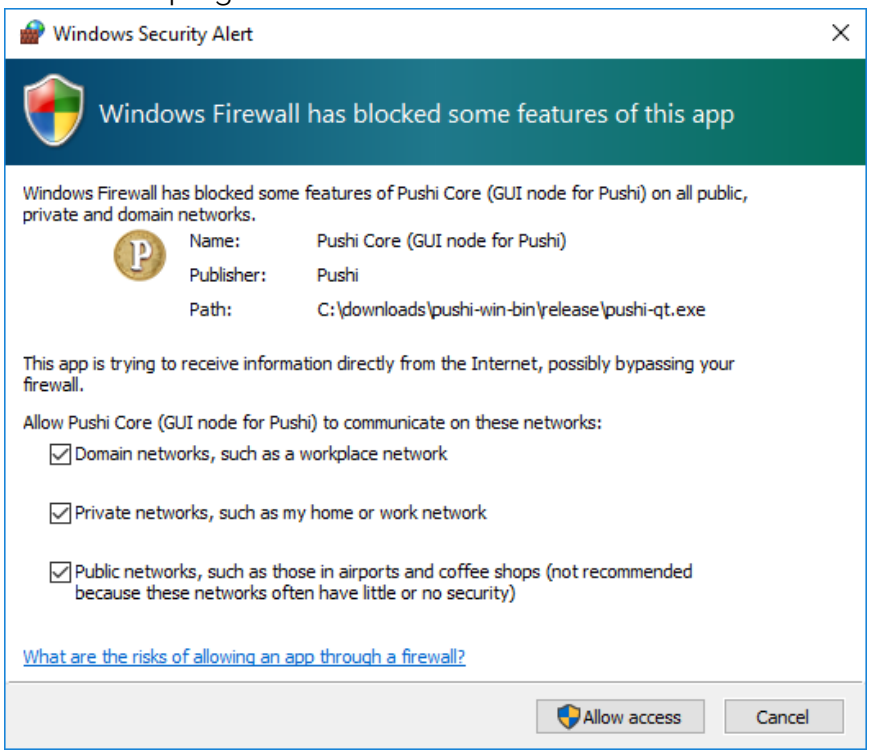
1.2: Unzip the files to appropriate directory and run the wallet.

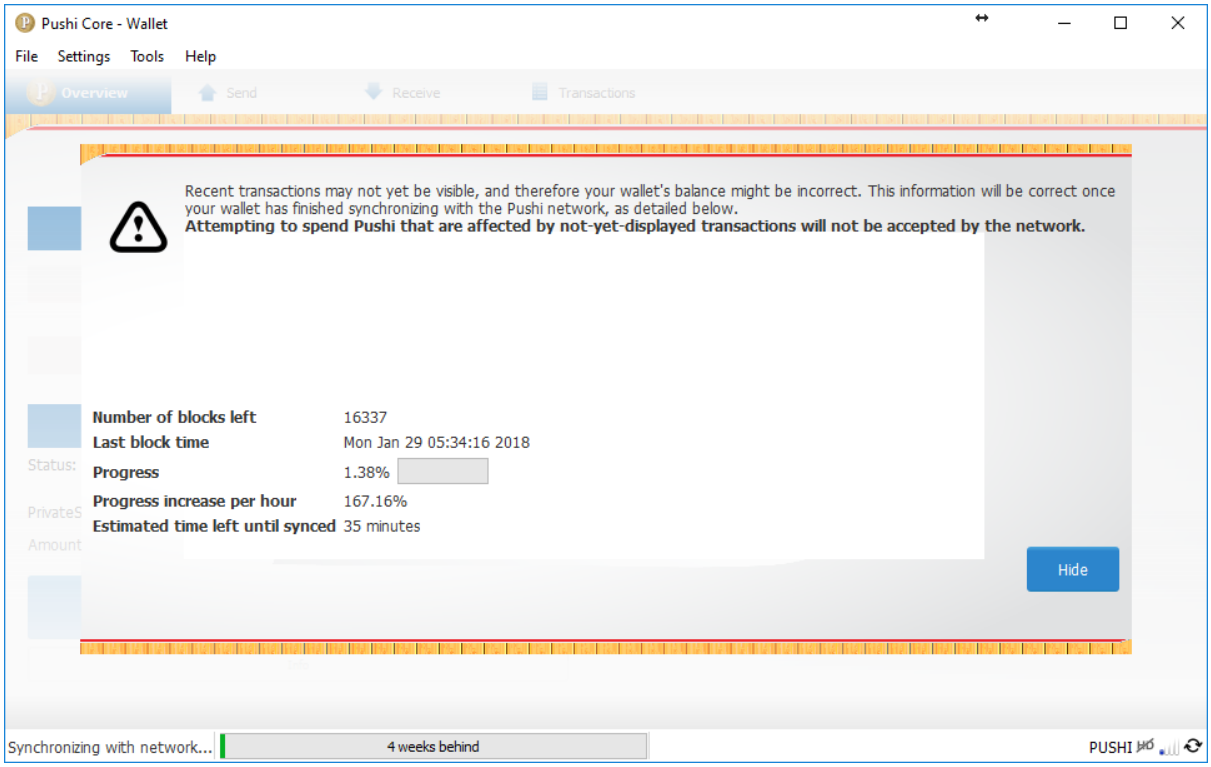
When you run the QT wallet for the first time you will be able to choose where you want to store the data, including the blockchain. This is 1.GB at the time of writing. Please note the location you choose as this will be the location where we will make a Pushi.conf file in step 2.



1.3: Run the wallet

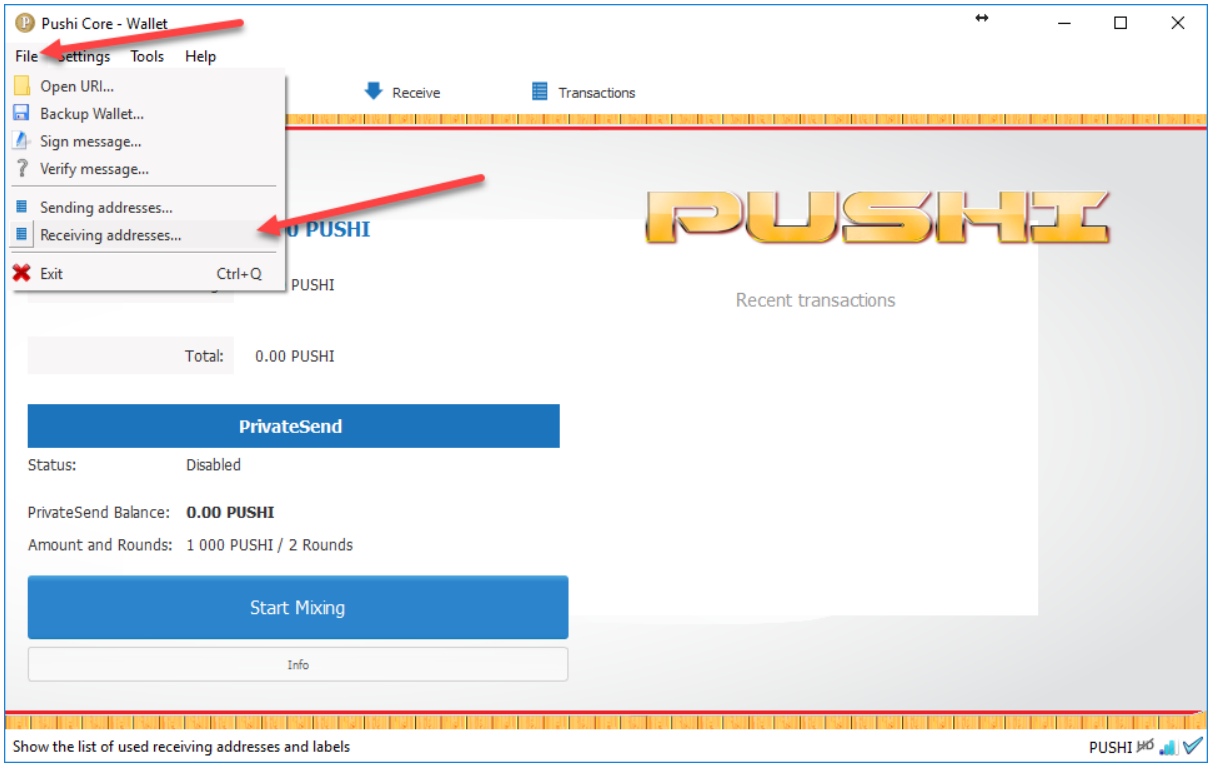
Run the wallet, allow it access to the internet via the Windows firewall when prompted and allow it to synchronize the entire blockchain. This will take several minutes. You can monitor the progress in the wallet.

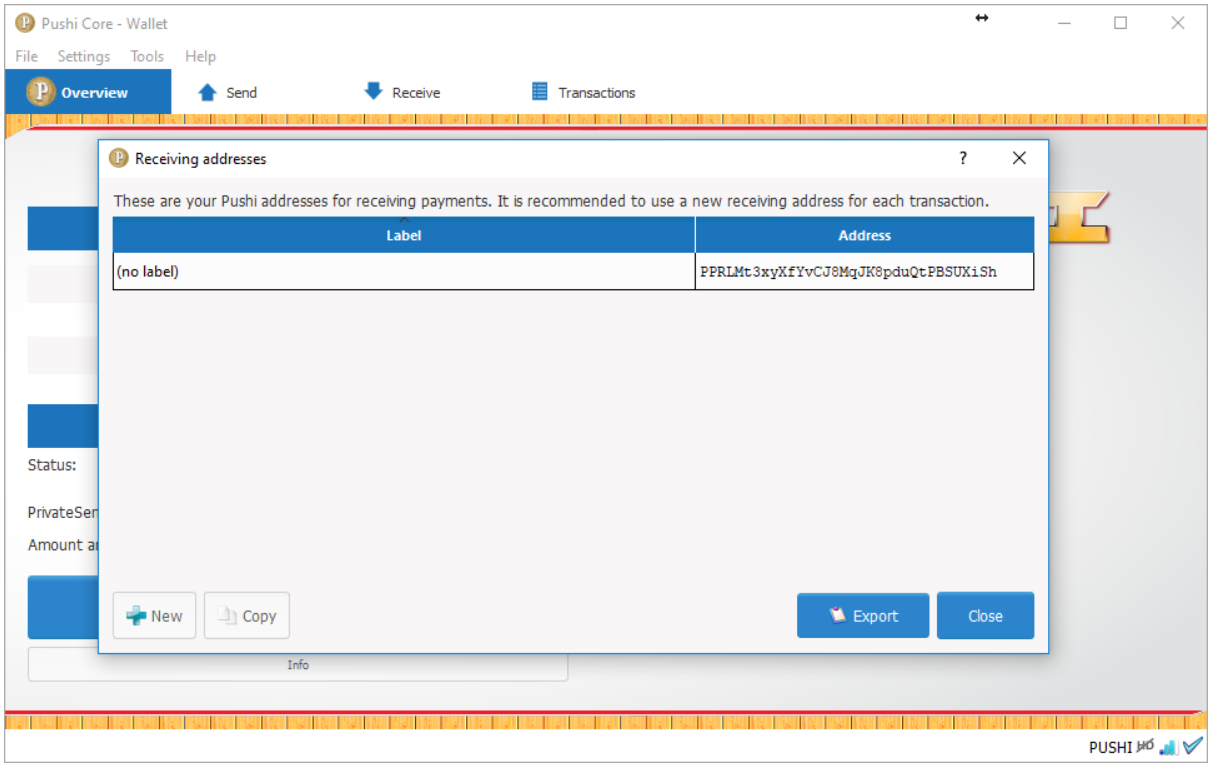




1.4: Send your PUSHI collateral to Masternode address

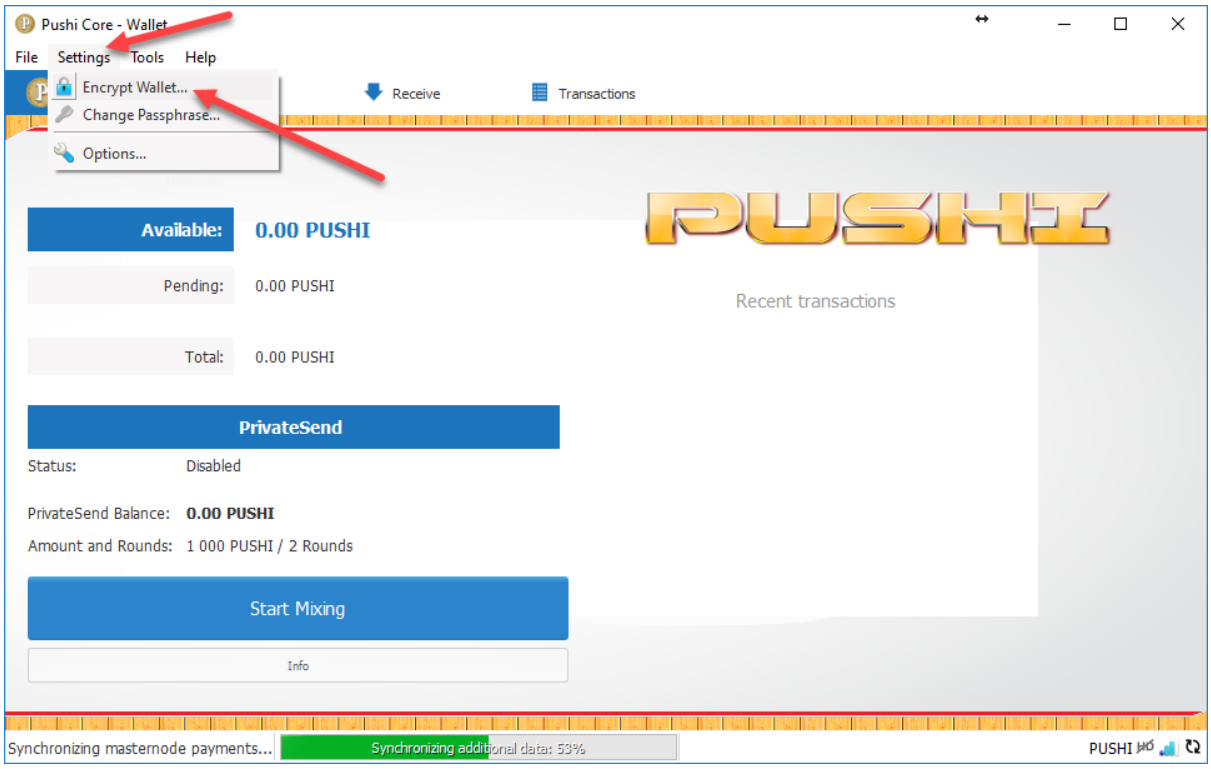
Transfer exactly 1000 PUSHI to your wallet using the preconfigured receiving address you already have (in the wallet: File -> Receiving Addresses).





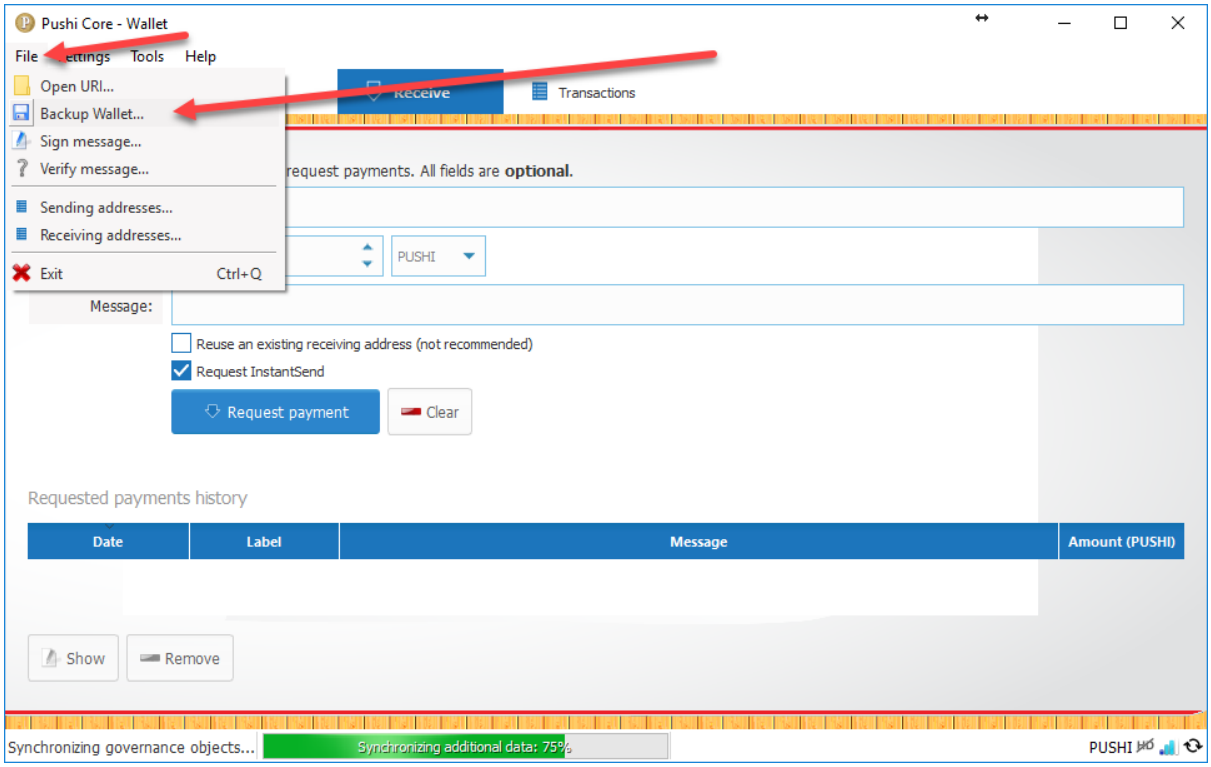
1.4: Encrypt your wallet!

Set a password on your wallet, go to Settings -> Encrypt Wallet. This will take a while and you will have to restart the wallet after the encrypting is done. **Do not lose this password, as you will lose access to your funds if you forget it.**



1.5: Backup your wallet file

Make a backup of your Masternode wallet, go to File -> Backup Wallet. Please make sure not to skip this step. Save the backup in a location other than the computer the wallet is on. *Saving this in more than one place is recommended*. Please ensure to take regular backups and save them in more than one location for recovery purposes (MAKE SURE YOUR WALLET IS ENCRYPTED BEFORE DOING SO)..

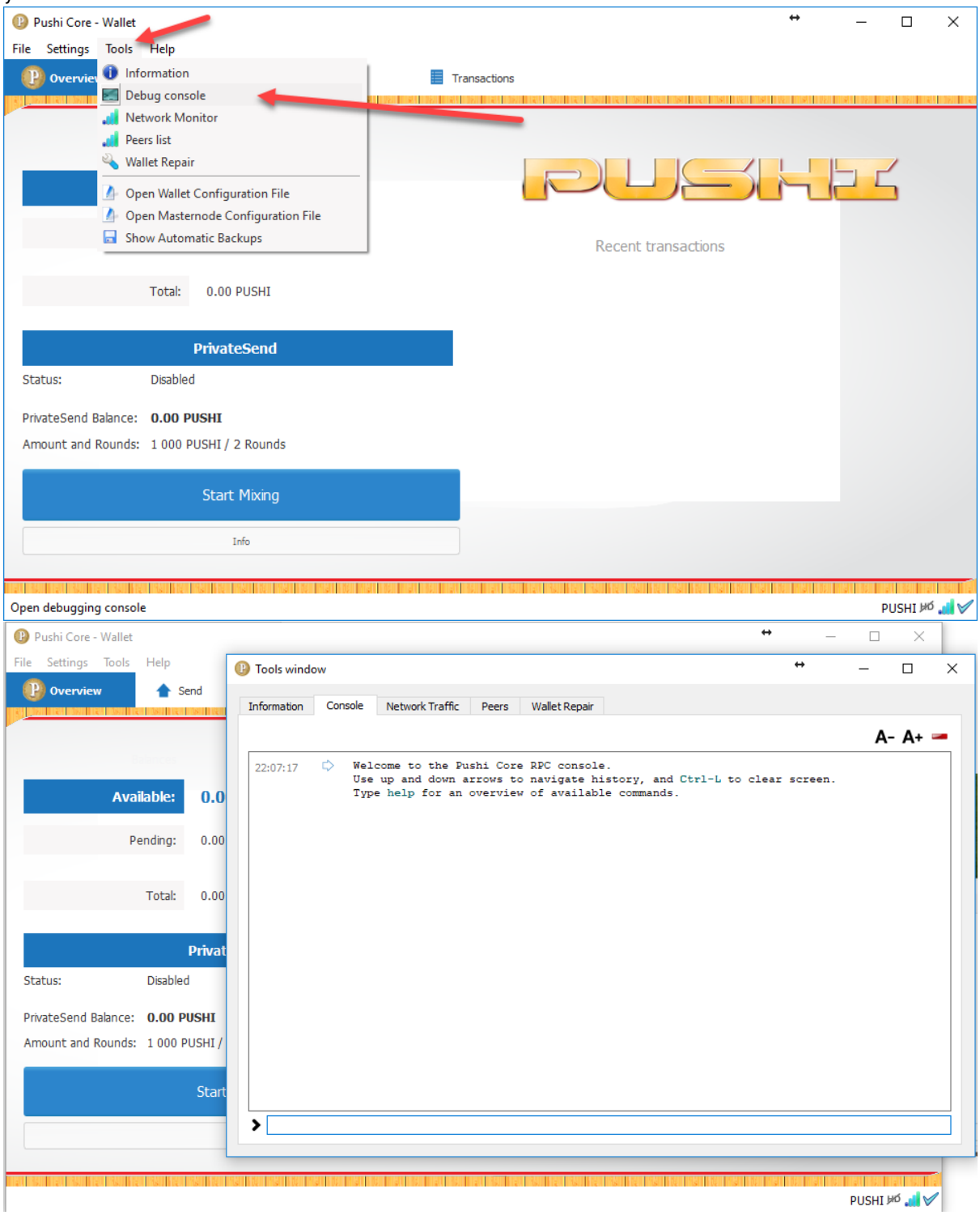


2.0: Configure your wallet to be a masternode

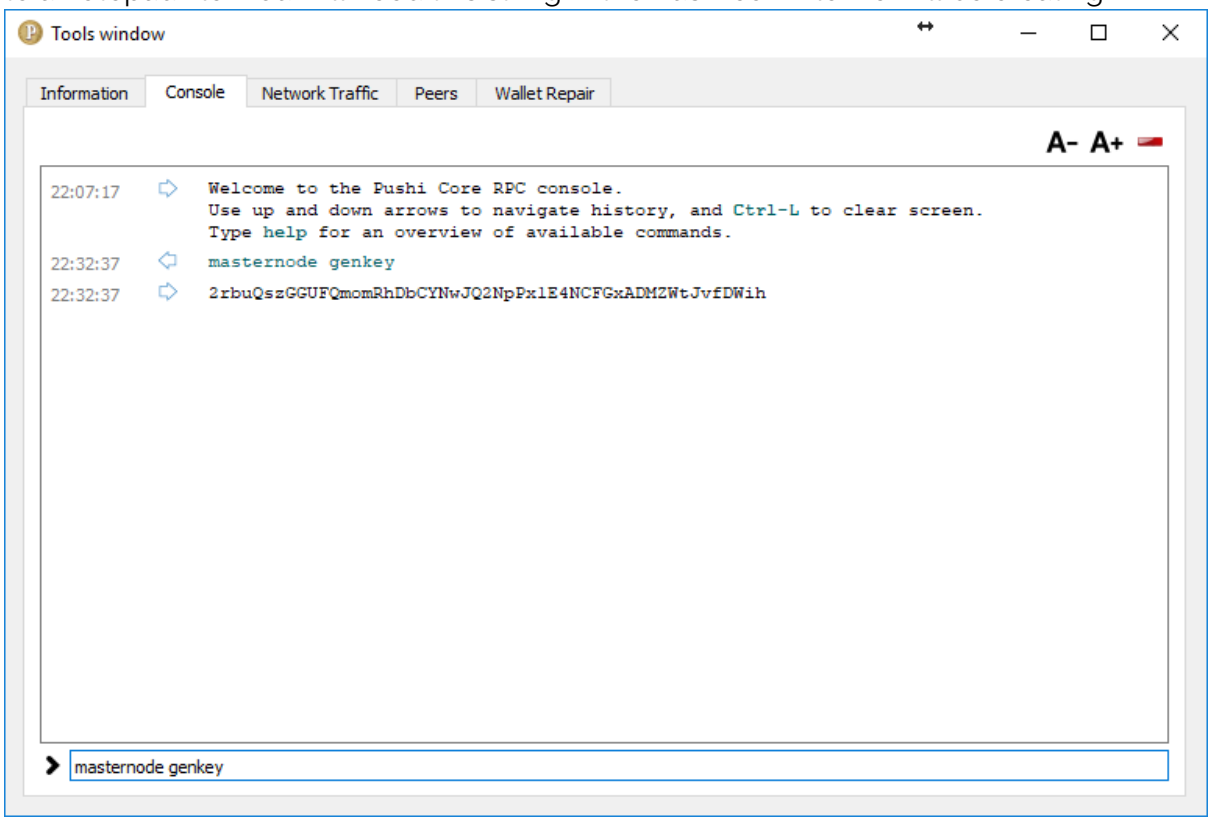
There are three steps: you will need a configuration file telling the wallet it is a masternode, and another configuration file that causes PUSHI wallet to start in masternode mode. You will also need to configure your network to suit.

2.1: Generating a configuration file

In the wallet, click Tools -> Debug console. This will open a command prompt allowing you to interact with the wallet.



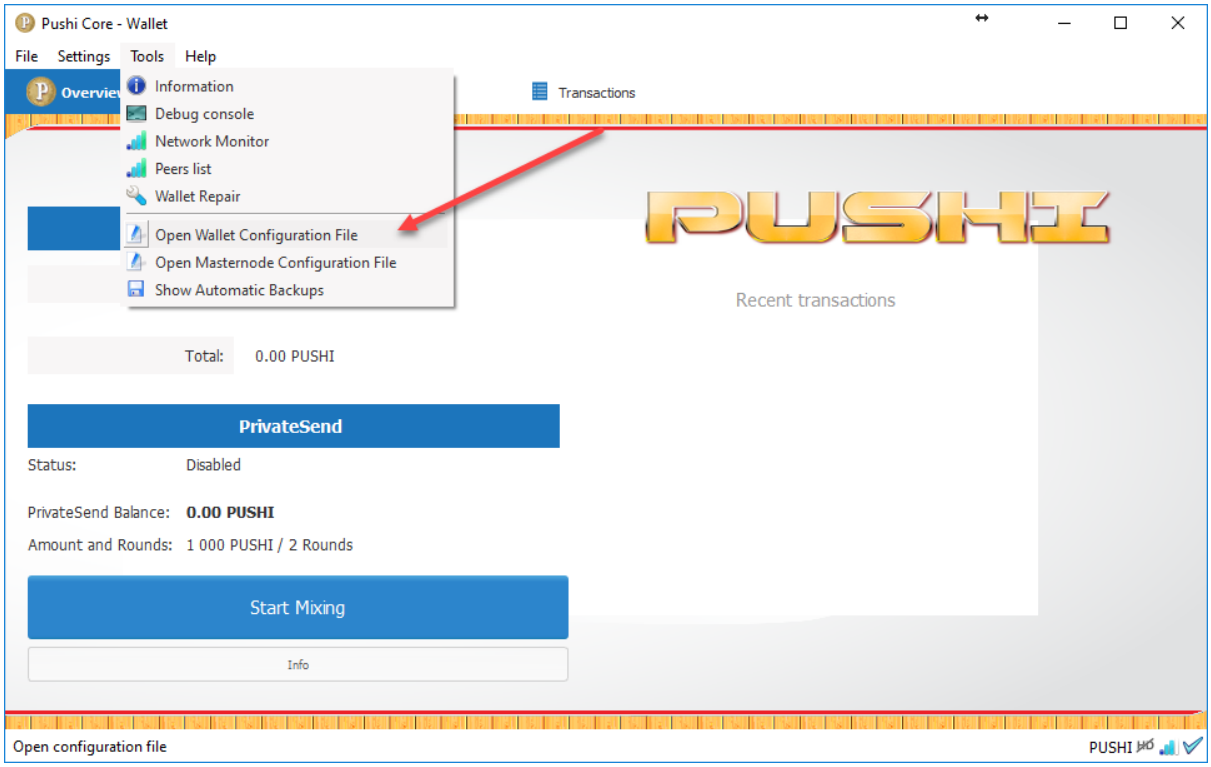
Enter the following command in the console window: "masternode genkey" and press ENTER. You will see a long string of numbers and letters. Please copy/paste this string to a notepad file. You will need this string in the Pushi.conf file we will be creating.



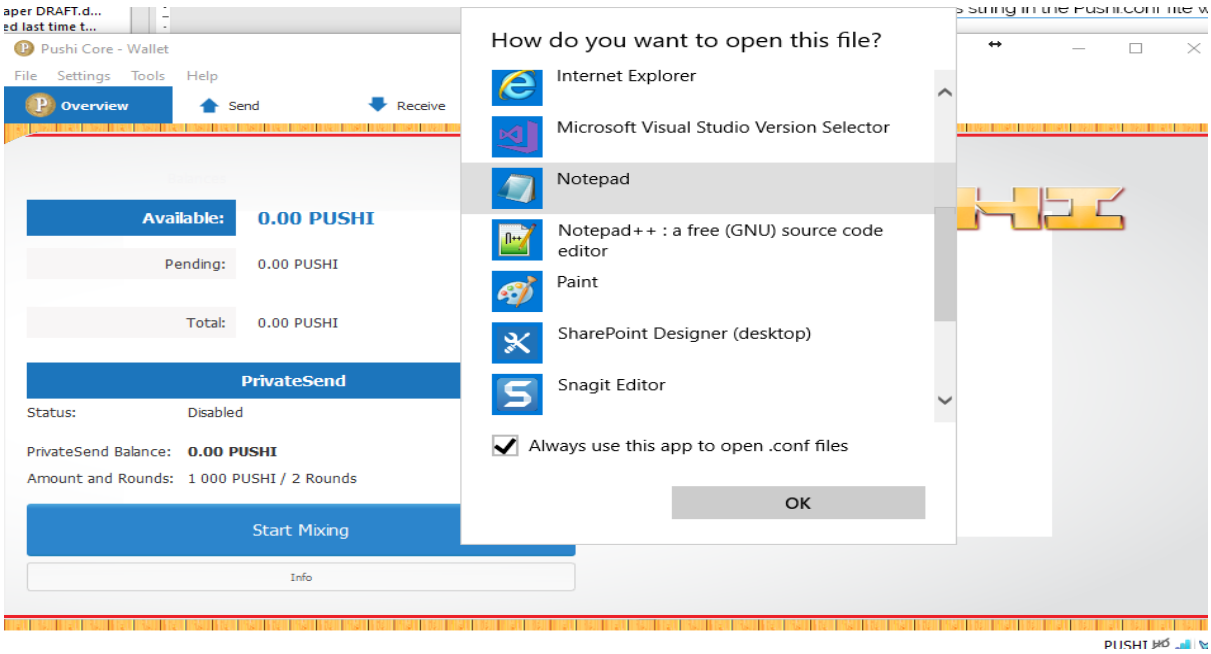
2.2: Generate the Masternode Configuration

Now we will generate the configuration file. There are different ways to do this however, this guide will only describe one. Essentially, A Pushi.conf file containing the correct parameters must be in the root of the folder that contains your PUSHI data.

To edit your PUSHI.CONF file, In your wallet, go to Tools -> Open Wallet Configuration File.



Windows will ask you what program you wish to use to open this file, choose More apps -> Notepad, and keep the checkbox at “Always use this program to open .conf files”.



2.3: Update the PUSHI.CONFIG file to enable “masternode mode”

Copy and paste the following contents to the Notepad window that opened, replacing the text in capital letters and using the masternode key we just generated.

rpcuser=RANDOMLETTERSANDNUMBERS
rpcpassword=MORERANDOMLETTERSANDNUMBERS
rpcallowip=127.0.0.1
listen=1
server=1
daemon=1
logtimestamps=1
maxconnections=256
masternode=1
masternodeprivkey=THEMASTERNODEKEYYOUGENERATED

Press control-S to save this file, then close Notepad. Please note that if you use “File -> Save as” instead of control-S, you might save the file as Pushi.conf.txt instead of Pushi.conf. This will lead to an error in the console later when you try to start the masternode, stating that masternode=1 should be in the Pushi.conf file.

2.4 Start the masternode

Close the wallet.

Restart the wallet, allowing it to pick up the Pushi.conf file (the wallet will not behave differently yet, but this is a necessary step).

Check that the transaction you sent earlier with exactly 1000 PUSHI has finished confirming. This transaction will have to be confirmed at least 15 times. You can check the progress of the confirmations in your wallet by using the Transactions tab and then double-clicking the transaction in question.

Open the console via Tools -> Debug console. Type in the command: "**masternode start YOURWALLETPASSWORD**", using the password you set earlier to encrypt your wallet. If all is well, you will get the message: "Successfully started masternode".

Please note that you will have to do this after each restart of the wallet, so e.g. after a reboot for a Windows update or after an update of the wallet. For security reasons, use Control-L to clear the Debug console, as your password is otherwise visible in plain text. If you do not do this, re-opening the Debug console still shows the last commands entered, including your password.

Now, you can check the status of your masternode by going to this webpage: https://explorer.pushiplay.pw/masternodes and entering your public key (or receiving address) in the search box. You can also check the status of your masternode by entering "masternode status" in the Debug Console.

2.5: Network configuration

Your wallet needs to be accessible externally from the internet through port 9847 (P2P port), so you might need to forward those in from your router to the local IP-address your server has using NAT or similar technologies. Please also ensure that windows firewall has the appropriate exemptions in place and any external traffic filtering or firewalls have the appropriate exception allowed. This will ensure that your masternode functions properly and receives/sends the traffic it needs to.

If this tutorial has helped, please feel free to donate some Pushi ☺

PUSHI Beast
PUSHI ADDRESS:
PEbRd2ALqBYJJHFb9Et9qXTmmB3uVWCn3P