



APR MASTERNODE SETUP GUIDE

VERSION 1.0

OPERATING SYSTEM: WINDOWS

Last Updated: May 2, 2018



APR MN SETUP

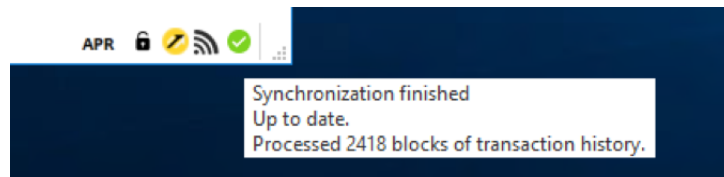
Synchronizing to the APR Blockchain

Congratulations on holding an APR Masternode. The following document will help guide you through the setup of your APR Masternode on the Windows operating system.

Before continuing, please ensure that you have downloaded the APR Windows Wallet:

- <https://apr-coin.com/wallet>

Upon downloading the Windows wallet zip file, please extract all files and open the **qt** executable file. The wallet will begin synchronization immediately after opening. Please wait until your wallet has completed synced and the green checkmark appears in the bottom right corner of the application window.





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The Debug Console

The collateral for an APR Masternode is 3,000 APR. For the following step, please ensure that you have 3,000 APR Coins in your wallet balance. If you have recently received a large sum or the entirety of your 3,000 APR, you must have 15 confirmations for said transaction.

Within your APR Wallet, click on the **Tools** menu item and then click on **Debug Console** in the dropdown menu. A command console will open in which you will be able to type. Please type the following command in the text input box and hit enter/return:

- **masternode genkey**

Now type the following command and hit enter/return:

- **masternode outputs**

The Debug Console will display 3 essential pieces of information that will help in the creation and enabling of your APR Masternode: your Private Key, the TxHash and the OutputIDX.

For security purposes, all sensitive information will be partially blacked out in all screenshots.



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The Debug Console

Tools window ? X

Information Console Network Traffic Peers Wallet Repair

```
00:26:31 [C] Welcome to the APR Coin RPC console.  
          Use up and down arrows to navigate history, and Ctrl-L to clear screen.  
          Type help for an overview of available commands.  
  
00:28:26 [C] masternode genkey  
00:28:26 [C] 22f6NXs6z[REDACTED]RqpJJ1fpKx3uZV9yv1DbmpTND  
00:28:37 [C] masternode outputs  
00:28:37 [C] [{  
          {  
            "txhash": "f2070d23026d[REDACTED]a1a524b90cdc5efc9de603eb1c7beb",  
            "outputidx": 1  
          }  
        ]
```

> | X

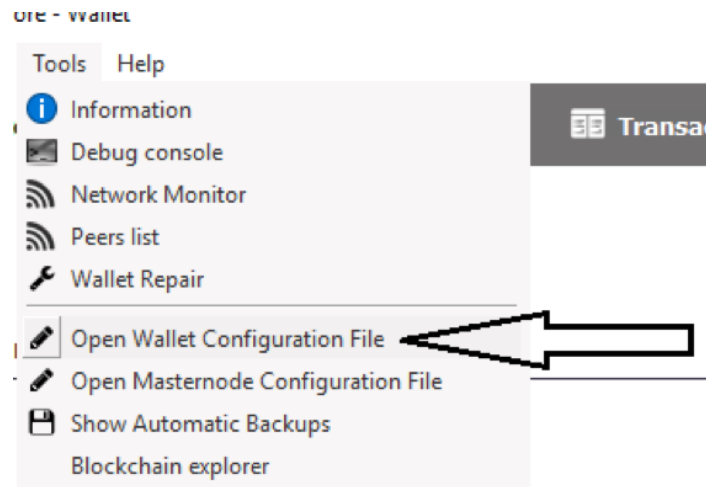
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Wallet Configuration

For the following steps, you may leave the Debug Console open as you will need to refer to the Private Key, the TxHash and OutputIDX moving forward. Now, click on **Tools**. In the dropdown menu window, please click on **Open Wallet Configuration File**.





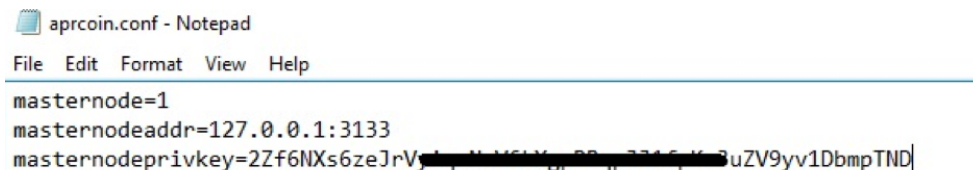
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Wallet Configuration

Upon clicking, you will be asked to open the wallet file with a specific program. Open with the **Notepad** application. Once the **Wallet Configuration File** is open, please add the following information:

```
masternode=1  
masternodeaddr=127.0.0.1:3133  
masternodeprivkey=YourPrivateKey
```

Simply copy and paste your Private Key that was generated with the *masternode genkey* command in the Debug Console after where after "**masternodeprivkey=**". Here is an example of how the file should look:



```
aprcoin.conf - Notepad  
File Edit Format View Help  
masternode=1  
masternodeaddr=127.0.0.1:3133  
masternodeprivkey=2Zf6NXs6zeJrVj...SuZV9yv1DbmpTND|
```

Now, click **File->Save** and exit Notepad.



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Masternode Configuration File

Now, in your Wallet, please click on the **Tools** menu item and then on the **Open Wallet Configuration File** option in the dropdown. You may be prompted to choose an application for opening the Wallet Configuration file. Please select Notepad and open the **masternode.conf** file and delete everything that is highlighted in the image below, up until "**mn1**".

```
masternode.conf - Notepad
File Edit Format View Help
# Masternode config file
# Format: alias IP:port masternodeprivkey collateral_output txid collateral_output_index
# Example: mn1 127.0.0.2:3133 93HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64xiqgX37tG8DQL8Xg 2bcd3c84c84f87eaa86e4e56834c92927a07f9e18718810b92e0d0324456a67c 0
```

Now, change **127.0.0.2:3133** to **127.0.0.1:3133** and replace the underlined text in the following image with your **Private Key** generated with the *masternode genkey* command in the Debug Console.

```
masternode.conf - Notepad
File Edit Format View Help
# Masternode config file
# Format: alias IP:port masternodeprivkey collateral_output txid collateral_output_index
# Example: mn1 127.0.0.2:3133 93HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64xiqgX37tG8DQL8Xg 2bcd3c84c84f87eaa86e4e56834c92927a07f9e18718810b92e0d0324456a67c 0
```





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Masternode Configuration File


Now, replace the underlined text in the following image with the **TxHash** characters generated with the *masternode outputs* command in Debug Console.

```
File Edit Format View Help
# Masternode config file
# Format: alias IP:port masternodeprivkey collateral_output_txid collateral_output_index
# Example: mn1 127.0.0.2:3133 93HaYBVUCYjEMeeH1Y4sBGLALQZE1Yc1K64xiqqX37tGBDQL8Xg 2bcd3c84c84f87eaa86e4e56834c92927a07f9e18718810b92e0d0324456a67c 0
```



Now the final item to verify or change is the **0** after the TxHash. You will either have to leave it as **0** or change it to a **1** depending on your **OutputIDX** in Debug Console.

```
00:28:37 [
  {
    "txhash": "f2070d2302[REDACTED]a524b90cdc5efc9de603eb1c7beb",
    "outputidx": 1
  }
]
```





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Masternode Configuration File

Check to see if your “**outputidx**” is 1 or 0. If your Debug Console shows your **outputidx** is 1, then you must change the last character in the **masternode.conf** file from 0 to a 1. If your **outputidx** is 0, leave this character as 0. In the example highlighted in the guide, we would change it to a 1 as follows:

```
mn1 127.0.0.1:3133 2Zf6NXs6zeJrVy1qnNzV6LXgpRRqpJJ1fpKx3uZV9yv1DbmpTND f207[REDACTED]3eb1c7beb 1
```

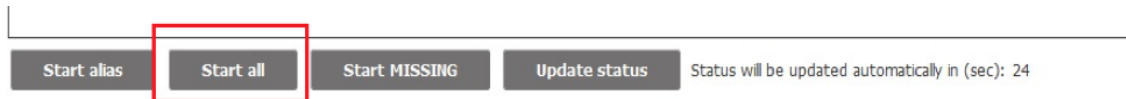
Now, click **File->Save** and close the **masternode.conf**. Once the Notepad file has closed, you must close your APR Wallet and re-open the APR Wallet and wait for syncing to complete. As previously stated, your previously deposited 3,000 APR Coins have 15 confirmations. This may be verified through the *Transaction* tab by hovering your mouse over the specific transaction.



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Starting the Masternode

The final step in setting up your APR Masternode will be conducted in the aptly named **Masternode** tab of the APR Windows Wallet. Once the *Masternode* tab has loaded, click **Start All**.



Upon clicking **Start All** the status of your Masternode will be updated. If you have conducted all the steps outlined in the APR MN Setup Guide, your Masternode's status will change to **ENABLED**. To ensure staking occurs and is successful, your wallet application must remain open at all times.

Note: Status of your masternodes in local wallet can potentially be slightly incorrect. Always wait for wallet to sync additional data and then double check from another node if your node should be running but you still see "MISSING" in "Status" field.

Alias	Address	Protocol	Status	Active	Last Seen (UTC)	Pubkey
mn1	127.0.0.1:3133	70912	ENABLED	00m:00s	2018-04-25 00:38	5qfU0XXF6B9dLcdpp7QHnLUZGt1nv...

Congratulations, your APR Masternode setup is now complete.



APR COIN

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