

Setup of Faust masternode

Recommendations

The masternode's wallet can be installed on a local or remote computer. For security reasons, a local version is recommended.

However, if you completely physically control the remote server, then you can safely put the wallet there.

For normal operation of the masternode, you need a constant and round-the-clock connection to the Internet, as well as a fixed and unique IP address.

General algorithm

First, we describe the entire algorithm, and the details of the main points will be lower.

1. Download the latest version of the wallet from the [official website](#) .
2. Open the archive, install it and start it.
3. Using the console in the application, generate the masternode private key - **masternodeprivkey** .
4. Create the masternode address - **mn_address** .
5. Send 5000 FAU to this address as a collateral for the masternode.
6. Save the transaction number - **tx_number** .
7. Get the index (outputs) of the transaction - **tx_outputs** .
8. Create and edit the masternode.conf file.
9. Start the masternode.
10. Check its status.

Note.

If you use a local wallet to store coins and a remote server (VPS or VDS) as the masternode, you need to configure it.

Details

- To generate a private key (**masternodeprivkey**) in the console command line, enter the command -

masternode genkey

- To create the masternode address (**mn_address**) , enter the following command in the console -

getaccountaddress mn_name .

You can enter any name as **mn_name**.

- To get the transaction index (**tx_outputs**) for the translation of 5000 FAU (paragraph 7), enter it in the command line -

masternode outputs

All these parameters: **masternodeprivkey**, **mn_address**, **tx_number**, **tx_outputs** - must be saved in any text file.

- Initially, the file **masternode.conf** is not in the directory. It must be created via a text editor. The file should be located in the same directory as the wallet. Depending on the operating system, the directory may have different names, but there will be a network name - "Faust" in it.
- In **masternode.conf** only one line is written, which, through spaces, includes the node name, IP address and port, private key, transaction number and transaction index. It looks like this:

```
mn_name 1.2.3.4:11799
5JqpGtTGUuWwatHJhM9Afb2na9sbNSPCJ8yMrUg4wzHGyKrs4Xb
d433341aaa3b159d5008914f2abf521c15f586bb8e7692e2e44257989480748f 0
```

The length of masternodeprivkey and tx_number may not match the ones specified in the example.

- To start the masternode use the console again
- masternode start**

It is possible to use the "Masternode" tab of the wallet menu for this operation.

- There you can also see the status and the results of the masternode work.
Alternatively, you can use the command line -

faust-cli masternode status

- If you are using the remote VPS server, and keep the wallet on the local computer, you must edit the remote faust.conf configuration file. It is in the wallet directory. With the help of a text editor open it and enter the lines:

```
daemon=1
server=1
listen=1
masternode=1
masternodeprivkey=xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
externalip=xx.xx.xx.xx
```

There is a variant of configuring VPS using the SSH protocol and the **script.sh** script located on the github, but at the moment when it tries to run it, an error 404 is displayed.

Just in case, we will cite this method. To run the script, you need to log in to the remote server as -root. Then we type in the command line -

```
wget https://raw.githubusercontent.com/FaustRepo/scripts/master/script.sh
chmod 755 script.sh
./script.sh
```

The script will request the **masternodeprivkey**. Enter it and wait until the program finishes.

Important

Do not forget to make backup copies of your wallet on a regular basis. Store them in a secure place.