

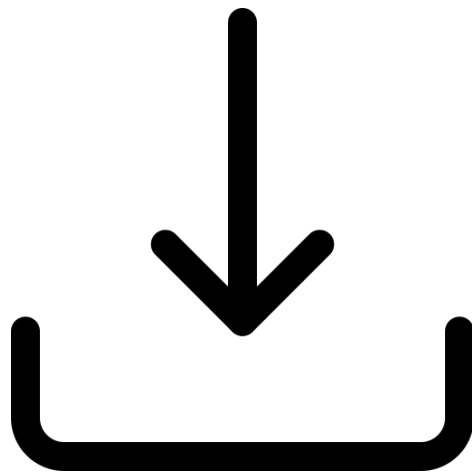


# Staking Guide



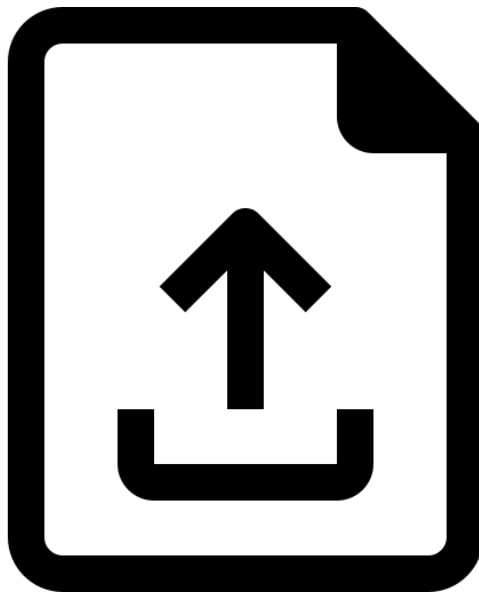
# Step 1

Download the staker file for your platform on [sonocoin.io](https://sonocoin.io)



# Step 2

Unzip downloaded file.



# Step 3

Open `app.conf` inside the `config` folder with any text editing software.

Check the file's content. Here is how it should look like:

```
name                =
network_id          = 0
network             = mainnet
data_dir            = .sonocoin
secret_key          =
public_key          =
payable_address    =

[database]
name                = chain
new_tx              = unco
wallet              = wallet

[p2p]
addr                = 0.0.0.0
port                = 9099
no_dial             = false
bootstrap_nodes     = config/nodes.json
advice_nodes        = config/advice.json

[web]
addr                = 0.0.0.0
```

```
port          = 8088
staker_token =

[info_api]
addr = api.sono.money
port = 80
ssl  = true

[coins]

[metrics]
addr = 0.0.0.0
port = 7077
```

# Step 4

Fill in all the fields marked with yellow color.

```
name = input any name here
network_id = 0
network = mainnet
data_dir = .sonocoin
secret_key = DO NOT FILL IN THIS FIELD
public_key = DO NOT FILL IN THIS FIELD
payable_address =

[database]
name = chain
new_tx = unco
wallet = wallet

[p2p]
addr = 0.0.0.0
port = 9099
no_dial = false
bootstrap_nodes = config/nodes.json
advice_nodes = config/advice.json

[web]
addr = 0.0.0.0
port = 8088
staker_token =

[info_api]
```

```
addr = api.sono.money  
port = 80  
ssl  = true
```

```
[coins]
```

```
[metrics]
```

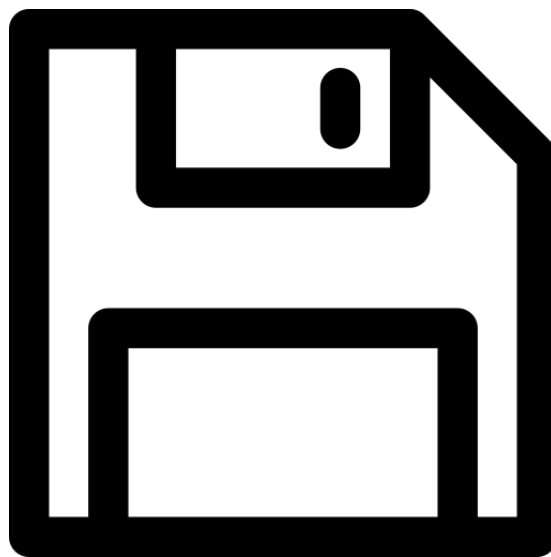
```
addr = 0.0.0.0  
port = 7077
```

You always can change values of `addr` and `port` if you want to switch to your local network:

```
addr = 127.0.0.1  
port = specify any free port here
```

# Step 5

Save changes in the [app.conf](#) file.





# Step 6

Go to your SonoCoin mobile app and export coins as a QR code.

Do **NOT** encrypt the file.

Be aware that the minimum amount of coins for staking is 300,000.01 SNC.

# Step 7

## Windows \_\_\_\_\_

1. Go back to the `config` folder.
2. Press the Shift key and right click on the folder. Choose "Open command window here" (or "Open PowerShell window here") in the context menu.
3. Enter the `.exe` file name and add `-staker` and press the Enter key.

# MacOS

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To run the node on MacOS you need to install libsodium first.

1. Install [homebrew](#)

- 1.1. Open "Terminal"

- 1.2. Paste the following command:

```
/usr/bin/ruby -e "$(curl -fsSL  
https://raw.githubusercontent.com/Home  
brew/install/master/install)"
```

- 1.3. Run the following command:

```
brew install libsodium
```

2. Specify a path to the node file in the unzipped folder, add `-staker` and press the Enter key.

3. If you faced any issues related to permission, run the following command:

```
chmod +x sonocoin-0.5.5
```

4. Run the node

```
./sonocoin-0.5.5 -staker
```

Be aware that "homebrew" is a third-party software and SonoCoin is not responsible for any issues with this software.

## Linux

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1. Open "Terminal"
2. Specify a path to the node file in the unzipped folder.
3. If you faced any issues related to permission, run the following command:

```
chmod +x sonocoin-0.5.5
```

4. Run the node

```
./sonocoin-0.5.5 -staker
```

# Step 8

Once you run the node, go to the unzipped folder and open `app.conf` with any text editing software again.

Find the `staker_token` field in the `[web]` section and copy its value.

# Step 9

Go back to the unzipped folder. There you will find three new folders: “.sonocoin/coins/import”.

Put the QR code with coins you exported in **Step 6** into the “import” folder.

MacOS, Linux \_\_\_\_\_

Open “Terminal” and paste the following command to top up balance of your node:

```
curl -X POST \  
http://localhost:8088/api/v1/stake/import \  
-H 'Authorization: Bearer  
{staker_token}'
```

Replace `{staker_token}` by the value you copied on **Step 8** and press the Enter key.

# Windows

---

Use the following command to top up balance of your node:

```
curl -X POST \  
http://localhost:8088/api/v1/stake/import \  
-H 'Authorization: Bearer  
{staker_token}'
```

Replace `{staker_token}` by the value you copied on **Step 8** and press the Enter key.

# Step 10

MacOS, Linux \_\_\_\_\_

Open "Terminal" and paste the following command to get balance of your node:

```
curl -X GET \  
http://localhost:8088/api/v1/stake/bal  
ance \ -H 'Authorization: Bearer  
{staker_token}'
```

Replace `{staker_token}` by the value you copied on **Step 8** and press the Enter key.

Windows \_\_\_\_\_

Use the following command to get balance of your node:

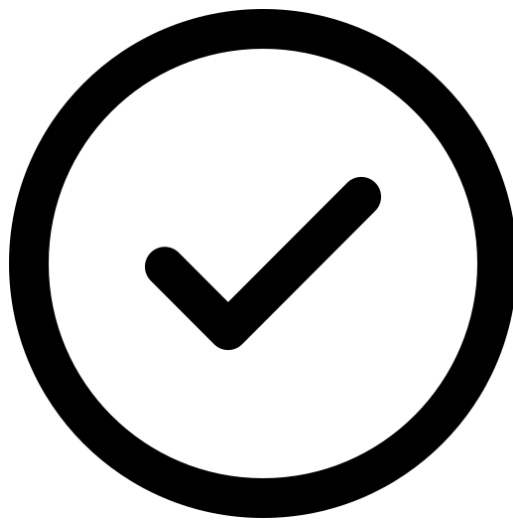
```
curl -X GET \  
http://localhost:8088/api/v1/stake/bal  
ance \ -H 'Authorization: Bearer  
{staker_token}'
```



Replace `{staker_token}` by the value you copied on **Step 8** and press the Enter key.

# Done

You are ready to stake with SonoCoin.



# How to get coins from your node

MacOS, Linux \_\_\_\_\_

Open "Terminal" and paste the following command that shows a QR code:

```
curl -X POST \  
http://localhost:8088/api/v1/stake/exp  
ort \ -H 'Authorization: Bearer  
{staker_token}' \ -d '{ "amount":  
{amount} }'
```

Replace `{staker_token}` by the value you copied on **Step 8** and `{amount}` by amount of coins you want to get respectively.

Then press the Enter key.

Right on "Terminal" you will see a QR code that you can scan via the "SonoCoin" mobile app.

# Windows

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Use the following command that shows a QR code:

```
curl -X POST \  
http://localhost:8088/api/v1/stake/exp  
ort \ -H 'Authorization: Bearer  
{staker_token}' \ -d '{ "amount":  
{amount} }'
```

Replace `{staker_token}` by the value you copied on **Step 8** and `{amount}` by amount of coins you want to get respectively.

Then press the Enter key.

You will see a QR code that you can scan via the "SonoCoin" mobile app.