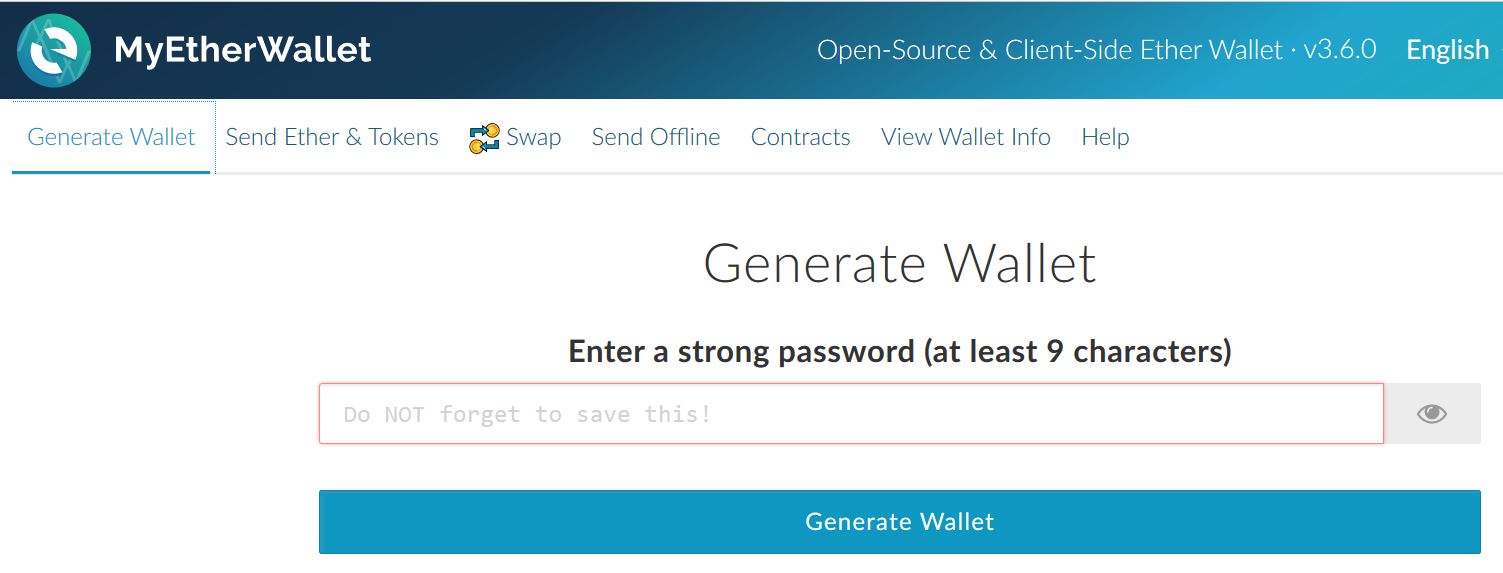
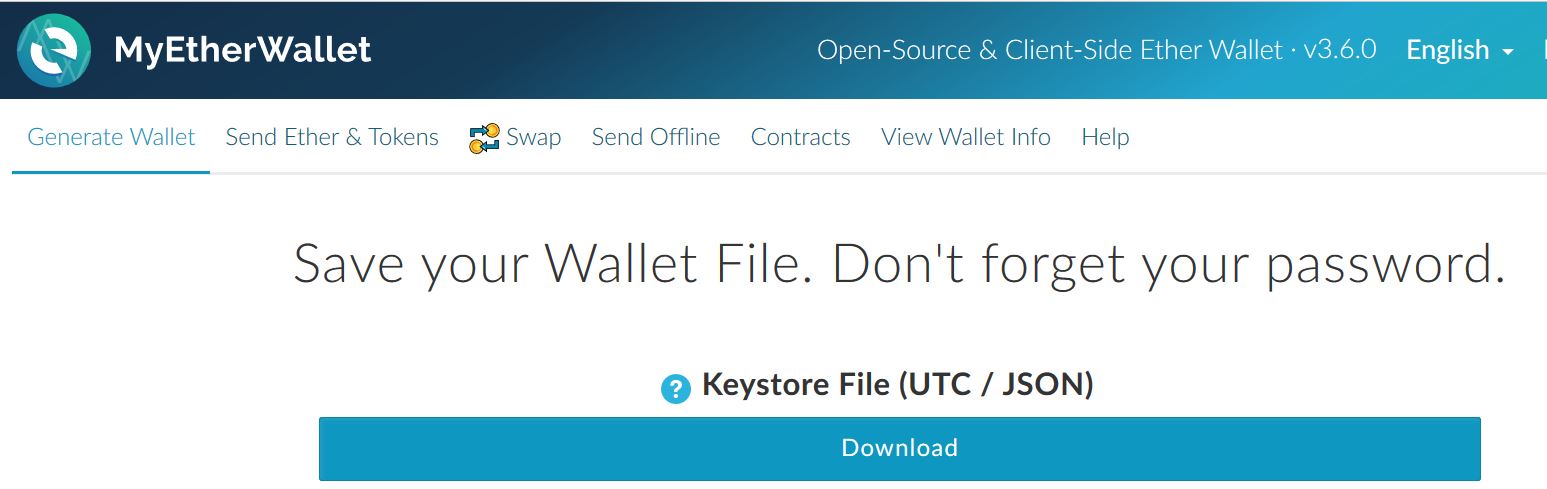
# GOZ Token Tutorial

In order to use anything on the Ethereum network a person needs to have an Ethereum account. The easiest way to do this at the moment, is with [MyEtherWallet](http://www.myetherwallet.com/)

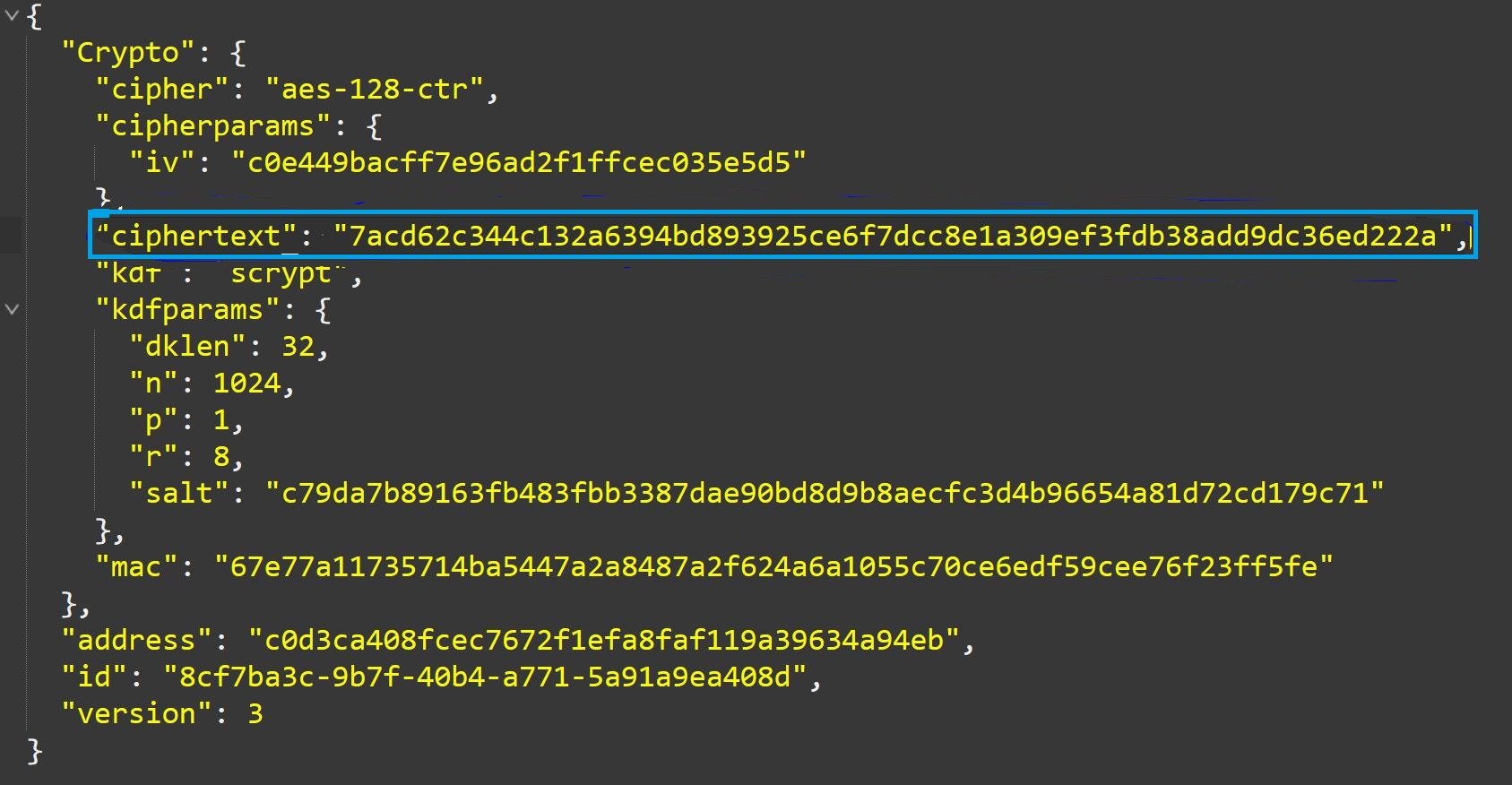
## Generate an Ethereum Account

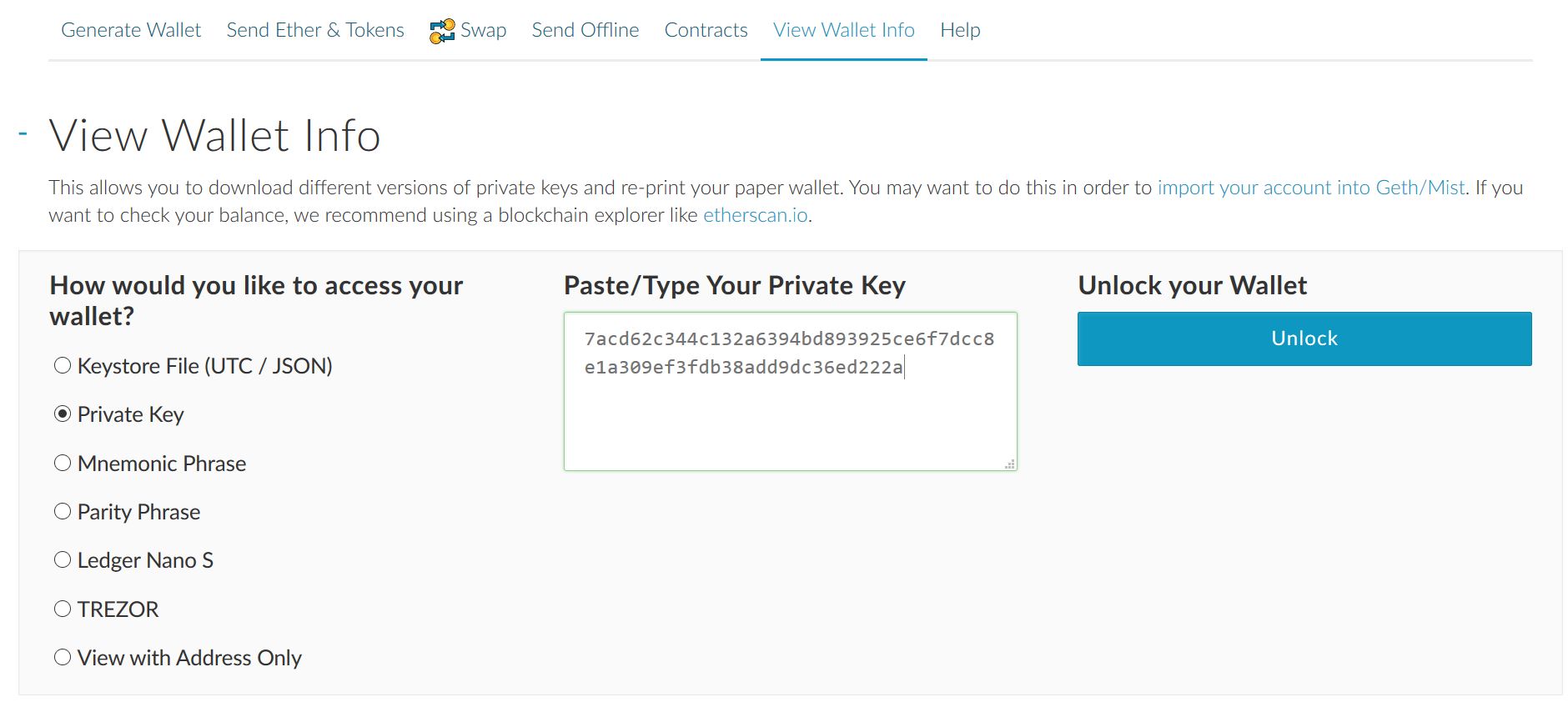
### Step 1

Click on Generate Wallet and enter a good password. You will always be able to regenerate the same account from the same password.

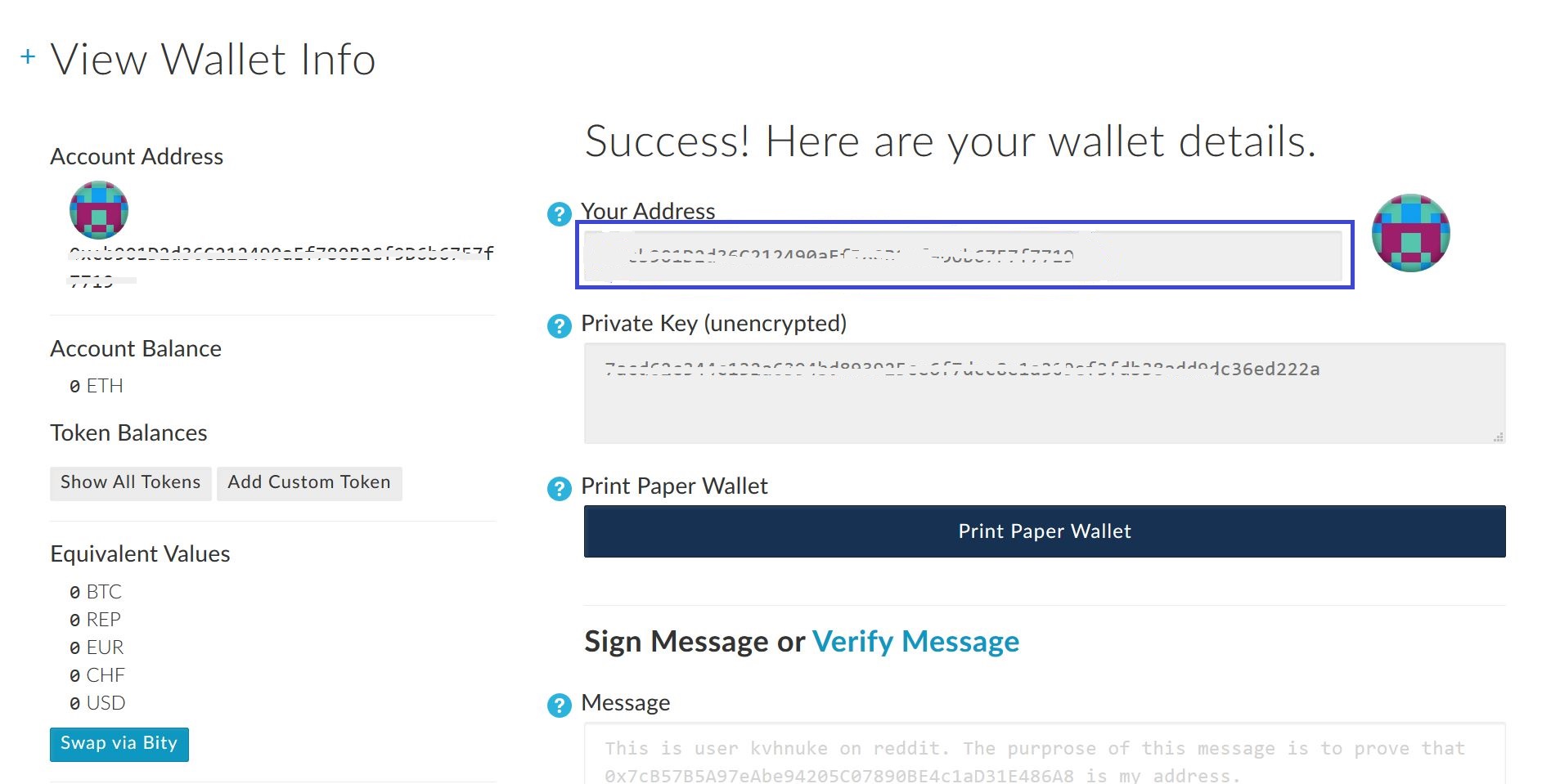


Click download and save the **json** file **BUT** keep this file safe and private. Any person who gets their hands on this file can now access your account, so store it safely.

Open the file and look at **ciphertext.** This value is your private key. This private key is the part that MUST be kept secret.

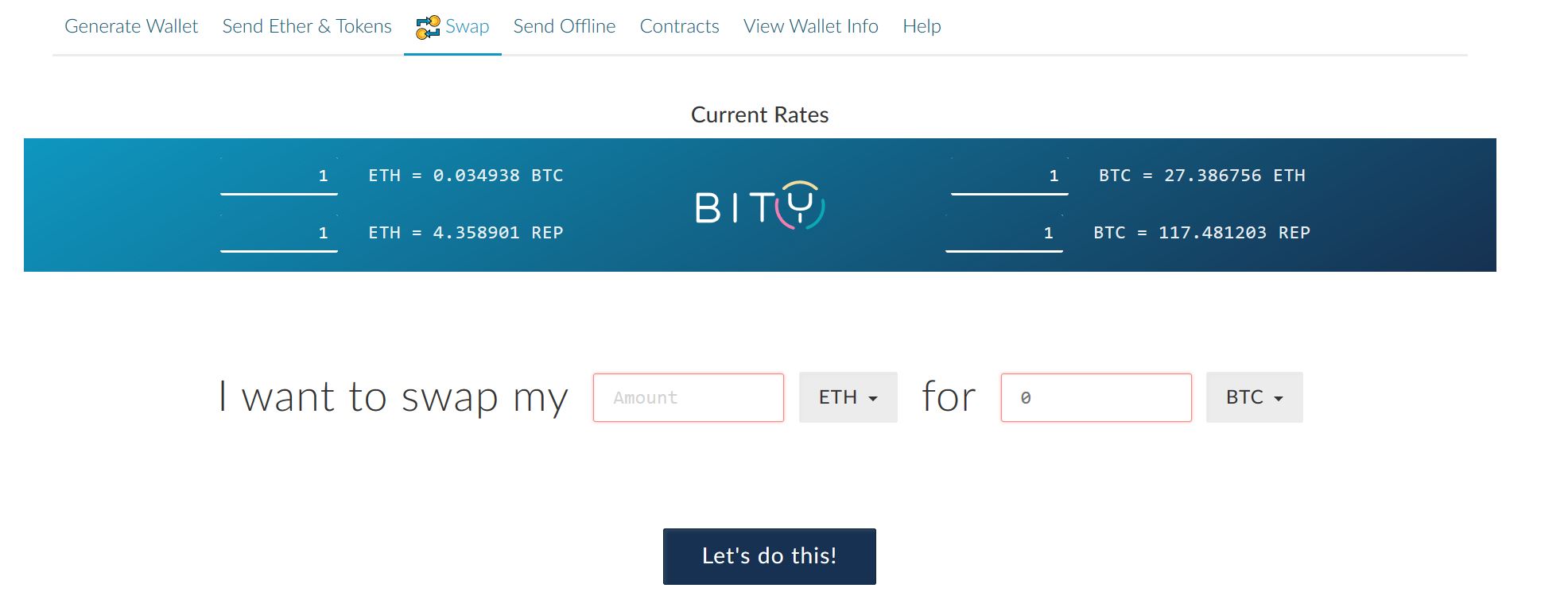
Copy this **ciphertext/private key** into memory and go to the **View Wallet Info** tab at the top of the page.

Select the Private Key radio button and paste your private key into the box. **Click Unlock.**

Now you can access your Ethereum account! It is here that you will find your Ethereum address, view the balance that this account has in it, view any tokens that it has, and other interesting things also.

## Get Ether

As you can see, new accounts do not hold any Ether and you will have to get some.

Click on the **Swap** tab at the top of the page to exchange your bitcoins for Ether. Alternatively you may use [ShapeShift](http://shapeshift.io/)

## Exchange for GOZ Tokens

Once you have some Ether, you are ready to exchange those Ether for **GOZ Tokens!**

The GOZToken smart contract is an Ethereum ERC20 compliant token, which means that you can exchange GOZ tokens on any Ethereum based exchange.

The address of the GOZToken is at: **0x7bcad73c4e06ab9c74c0b78903dbdf572cc0a49c (TEST)**

**The source code of the** GOZToken can be found at:

<https://github.com/RFVenter/GOZ-token/blob/master/contracts/Token.sol>

To purchase GOZ tokens during the ICO phase you will have to use another smart contract which has been designed to sell tokens at the correct price during this time.

The address of the TokenPurchase is at: **0xb0028c15726ba8ea2fe0e8a3ffd4a2b565744888 (TEST)**

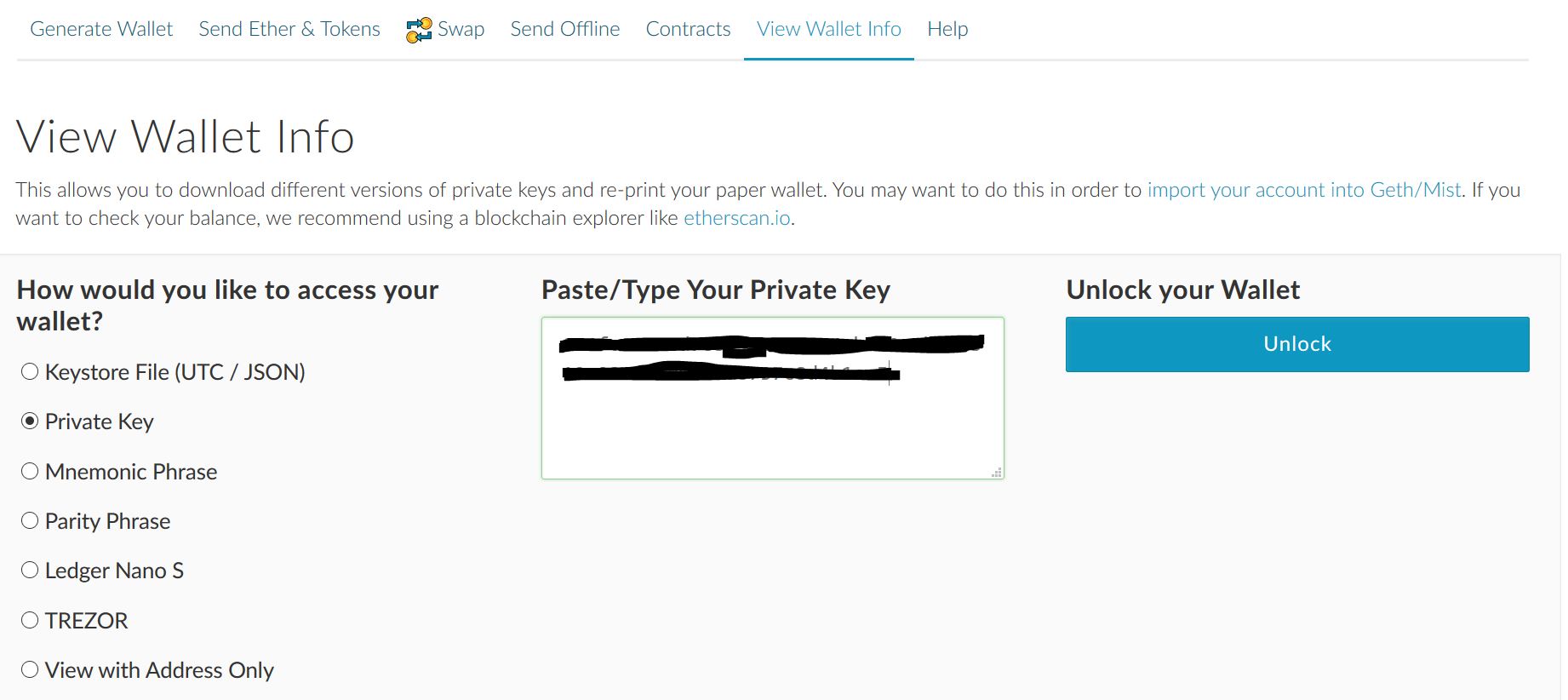
**The source code of the** TokenPurchase can be found at:

<https://github.com/RFVenter/GOZ-token/blob/master/contracts/TokenPurchase.sol>

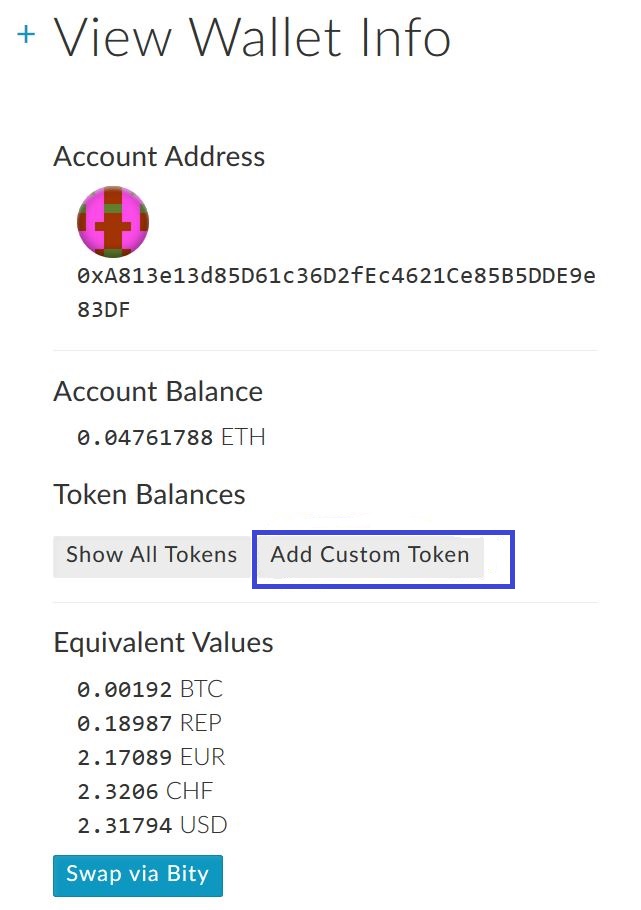
To exchange Ether for GOZ tokens you simply have to send the amount of Ether you wish to convert to GOZ tokens, to the TokenPurchase smart contract at **0xb0028c15726ba8ea2fe0e8a3ffd4a2b565744888 (TEST)**. The smart contract will automatically allocate your tokens to your Ethereum address.

|  |
| --- |
| **Congratulations**, you now have **GOZ tokens**! |

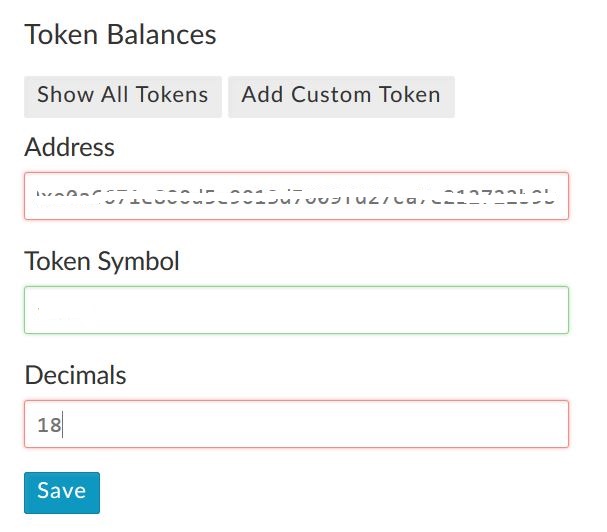
## Check your GOZ Tokens



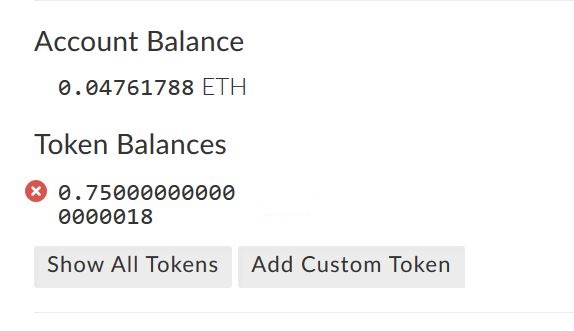
Next you will want to go to your Ethereum account and see your GOZ tokens. Click on the **View Wallet Info** tab and enter your private key again, if the site asks you for it.



Click **Add Custom Token** and enter the address **0x7bcad73c4e06ab9c74c0b78903dbdf572cc0a49c (TEST)** of GOZToken into the Address box, **GOZ** into the Token Symbol box, and **18** into the Decimals box and **Save**

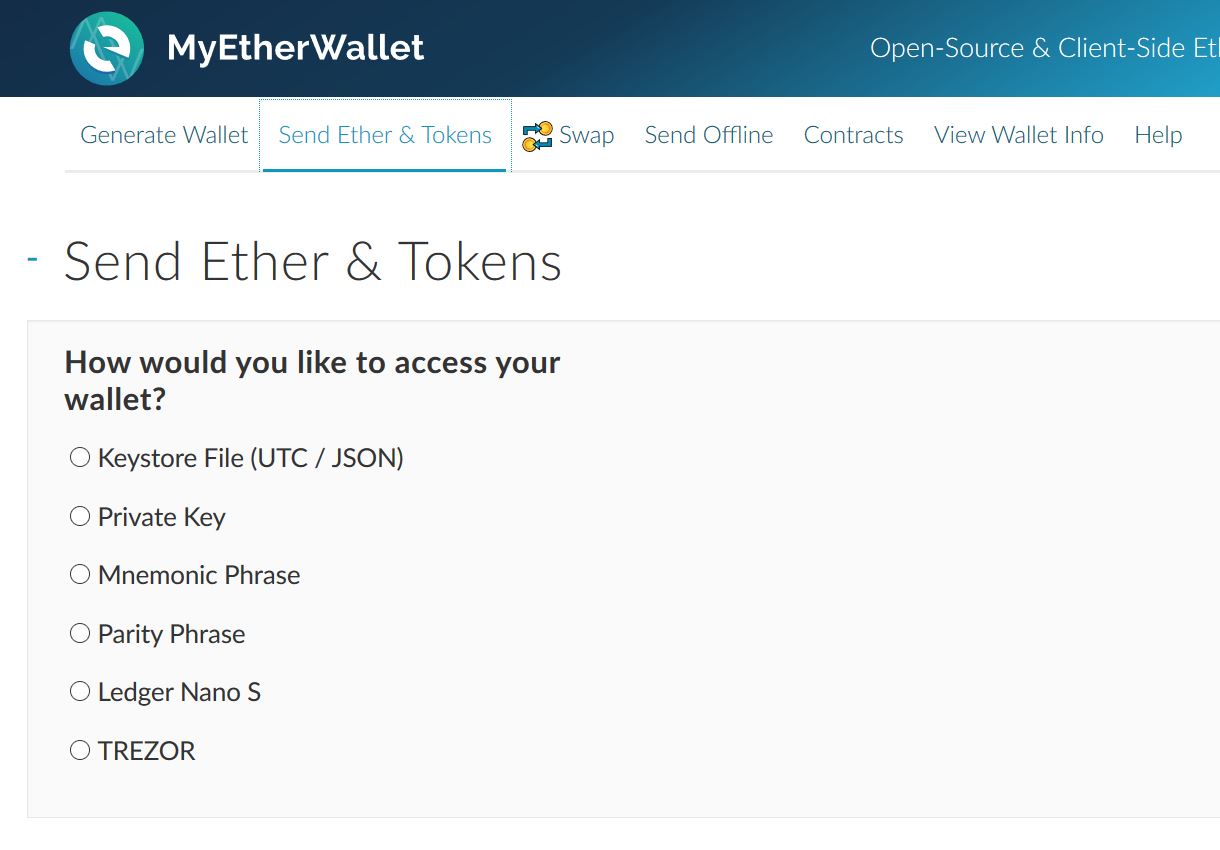


You will no be able to see GOZ tokens for any and each Ethereum account that you may have.

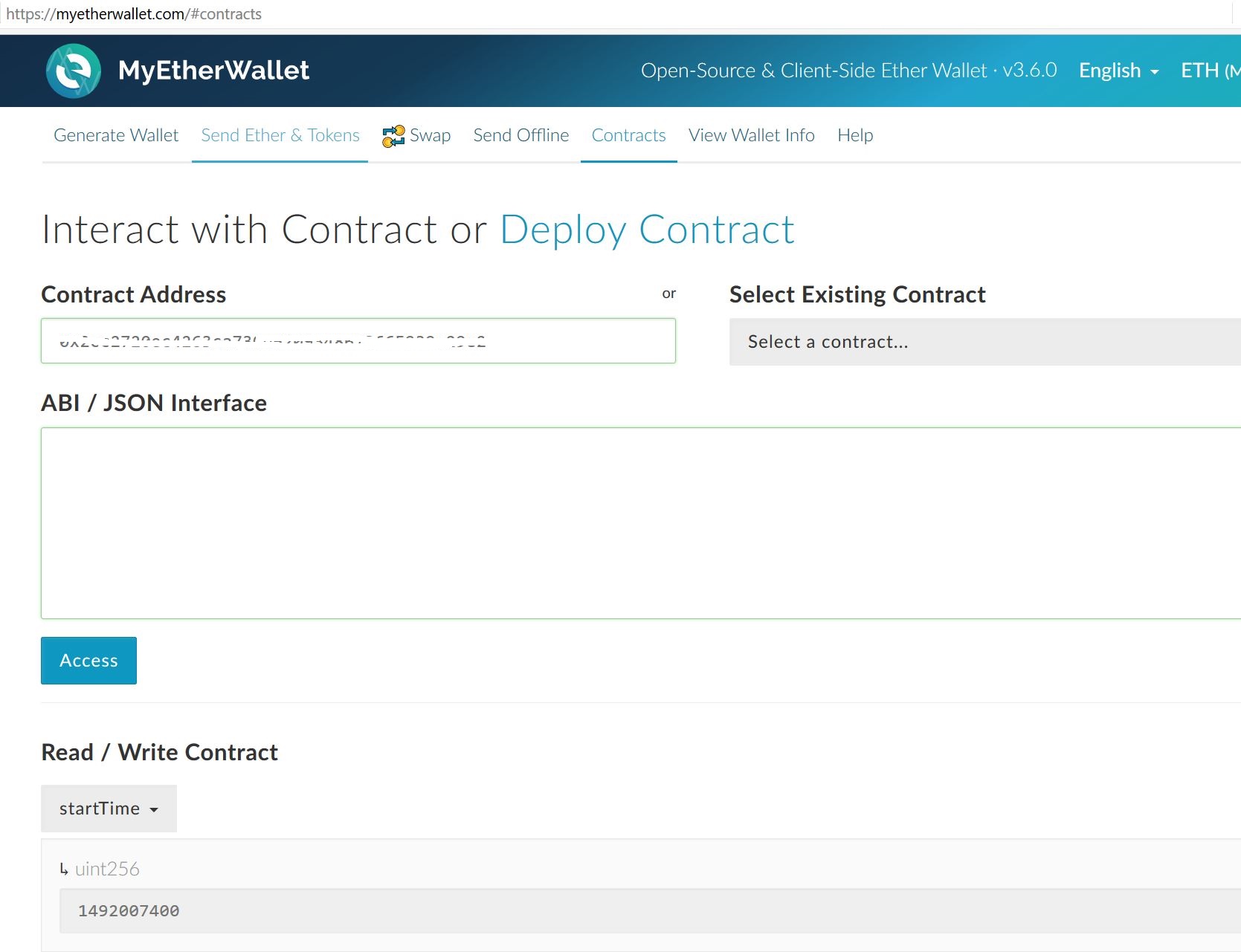


## Use GOZToken smart contract and Tokens

Once you have GOZ Tokens you can do several things with it. Since this is an ERC20 compliant token you can basically exchange GOZ tokens on any Ethereum exchange, and there are several. You can exchange them for other tokens, or sell them back to Ether at a later stage.



To use them on MyEtherWallet, click on **Send Ether & Tokens** tab. Enter your private key and Unlock.

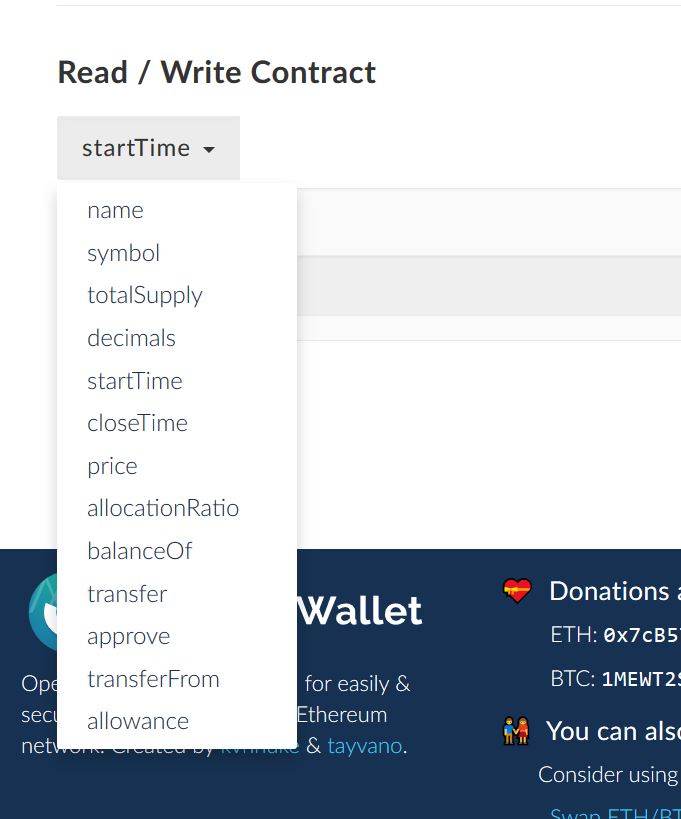


Now, enter the address **0x7bcad73c4e06ab9c74c0b78903dbdf572cc0a49c (TEST)** of GOZToken into the Contract Address box.

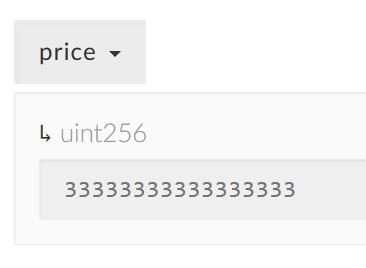
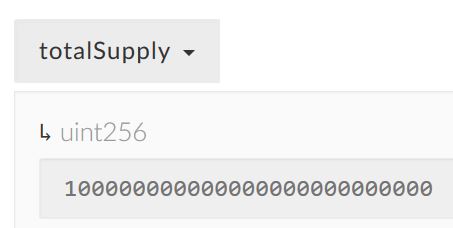
**Copy and paste** the GOZToken ABI code from the box below.

click **Access**

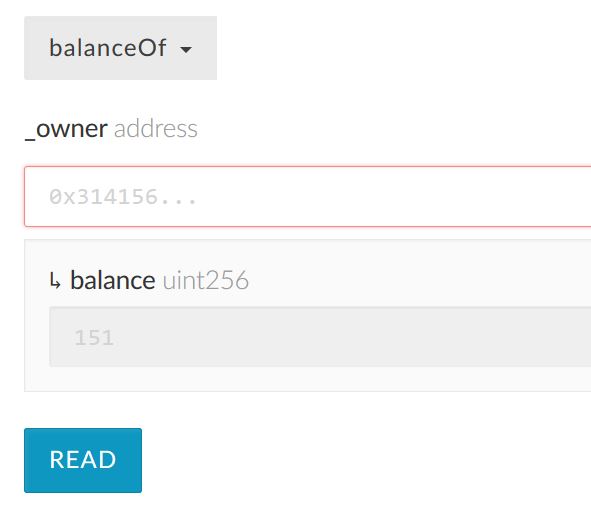
|  |
| --- |
| [{"constant":true,"inputs":[],"name":"name","outputs":[{"name":"","type":"string"}],"payable":false,"type":"function"},{"constant":false,"inputs":[{"name":"\_spender","type":"address"},{"name":"\_value","type":"uint256"}],"name":"approve","outputs":[{"name":"success","type":"bool"}],"payable":false,"type":"function"},{"constant":true,"inputs":[],"name":"totalSupply","outputs":[{"name":"","type":"uint256"}],"payable":false,"type":"function"},{"constant":false,"inputs":[{"name":"\_from","type":"address"},{"name":"\_to","type":"address"},{"name":"\_value","type":"uint256"}],"name":"transferFrom","outputs":[{"name":"success","type":"bool"}],"payable":false,"type":"function"},{"constant":true,"inputs":[],"name":"decimals","outputs":[{"name":"","type":"uint256"}],"payable":false,"type":"function"},{"constant":true,"inputs":[{"name":"\_owner","type":"address"}],"name":"balanceOf","outputs":[{"name":"balance","type":"uint256"}],"payable":false,"type":"function"},{"constant":true,"inputs":[],"name":"owner","outputs":[{"name":"","type":"address"}],"payable":false,"type":"function"},{"constant":true,"inputs":[],"name":"symbol","outputs":[{"name":"","type":"string"}],"payable":false,"type":"function"},{"constant":false,"inputs":[{"name":"\_to","type":"address"},{"name":"\_value","type":"uint256"}],"name":"transfer","outputs":[{"name":"success","type":"bool"}],"payable":false,"type":"function"},{"constant":true,"inputs":[{"name":"\_owner","type":"address"},{"name":"\_spender","type":"address"}],"name":"allowance","outputs":[{"name":"remaining","type":"uint256"}],"payable":false,"type":"function"},{"constant":false,"inputs":[{"name":"\_newOwner","type":"address"}],"name":"transferOwnership","outputs":[],"payable":false,"type":"function"},{"inputs":[],"payable":false,"type":"constructor"},{"anonymous":false,"inputs":[{"indexed":true,"name":"from","type":"address"},{"indexed":true,"name":"to","type":"address"},{"indexed":false,"name":"value","type":"uint256"}],"name":"Transfer","type":"event"},{"anonymous":false,"inputs":[{"indexed":true,"name":"owner","type":"address"},{"indexed":true,"name":"spender","type":"address"},{"indexed":false,"name":"value","type":"uint256"}],"name":"Approval","type":"event"}] |



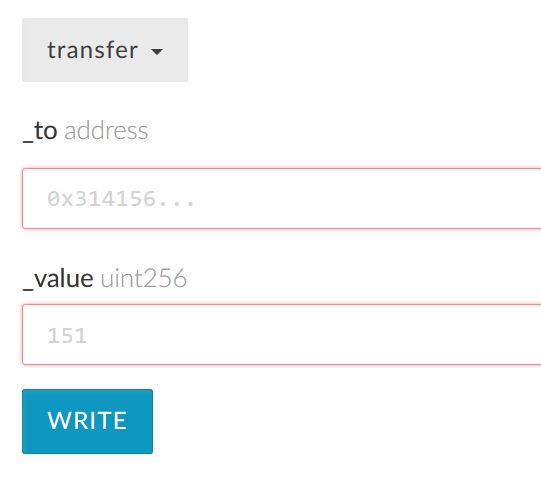
Now you can access all the public functions that this smart contract has. For more information about ERC20 complaint Tokens goto to [ERC20](https://github.com/ethereum/EIPs/issues/20)

If you select price you can see that it has a lot of digits. Ethereum has high precision and uses 18 decimal standard precision.



The function shows you how many tokens your account has.



This function allows you to transfer your tokens to another Ethereum address, like your friends.

## Conclusion

Using GOZ Tokens are fun and easy. If you need more information about Ethereum Tokens, just Google it.