User Guide

These instructions are only a guide to assist with the setup process for an Ethereum Wallet with token support. Participants should conduct their own research and understand the process. We make no representations or guarantees that the following material is complete or accurate, nor that the Ethereum Wallet(MIST), MyEtherWallet (or any associated software or services) will be reliable or functional as described. As such, participants assume all risks associated with the use of Ethereum Wallet(MIST), MyEtherWallet (or any other ERC20 wallet) in connection with the token sale.

For the terms and conditions concerning the STAR token sale please visit https://starbase.co

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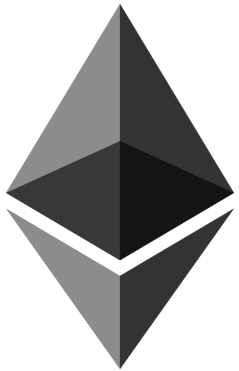
    4.2. Using the MyEtherWallet
5. Etherscan

Creating a New Wallet

Creating a New Wallet



https://github.com/ethereum/mist/releases

The Ethereum Wallet is a gateway to decentralized applications on the Ethereum blockchain. It allows you to hold and secure Ether (ETH) and other cryptocurrencies built on Ethereum, as well as write, deploy and use smart contracts.

I am using Ethereum Wallet (MIST)

https://www.myetherwallet.com/

MyEtherWallet is a free open-source tool for securely interacting with the Ethereum network. The following instructions will guide you step by step through setting up a MyEtherWallet and the purchase of STAR tokens.

I am using MyEtherWallet

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Creating a New Wallet using Ethereum Wallet(MIST)

[Ethereum Wallet] Creating a New Wallet

If you already have an Ethereum account please jump to the section - "**Sending ETH to the Token Sale Address and Buying STAR**".

If you need to open an account in Ethereum Wallet, please follow these instructions:

1. **Download and install the Ethereum Wallet**

   1.1. Go to https://github.com/ethereum/mist/releases and download the software according to your OS.
2. **Set Up Ethereum Wallet**
   2.1. After downloading and installing the Ethereum Wallet application, you need to run and set it up for the first time.
3. **Run the Wallet Application**
   3.1. Run the installed wallet application. If you have a firewall installed, you may be asked to allow the application to connect to the Internet.
   3.2. Select the option "**USE THE MAIN NETWORK.**"
4. **Synchronize with the Main Network**
   4.1. Your wallet will need to fully synchronize with the main network in order to provide you with up-to-date account information and send transactions on your behalf. This may take a couple of days, so start the process ahead of time.
   4.2. The synchronization process will continue to run in the background. You do not have to wait for it to finish to continue with the setup
5. **Create New Account**
   5.1. Create a secure password. It is essential that you do not lose this password. Losing it is equivalent to losing all of the ETH and STAR stored in your account.
   5.2. Continue to your account by clicking "**Next**" and then "**Launch Application.**"

[Ethereum Wallet] Creating a New Wallet

03. Run the Wallet Application

3.1. Run the installed wallet application. If you have a firewall installed, you may be asked to allow the application to connect to the Internet.

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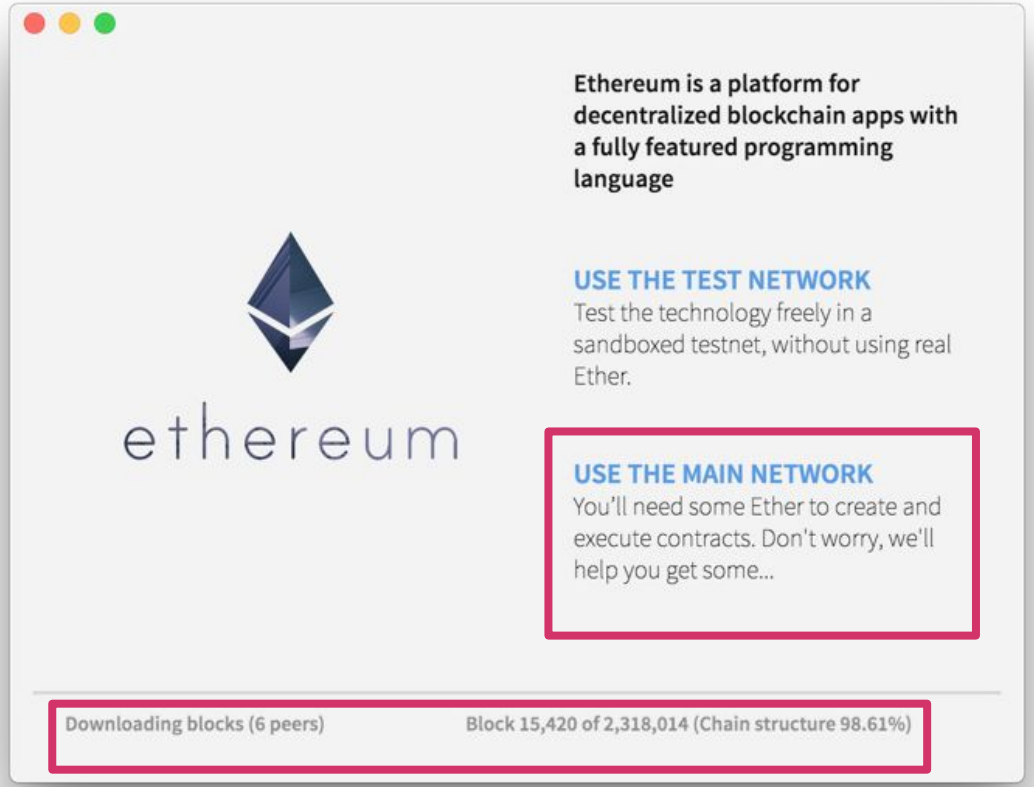

[Ethereum Wallet] Creating a New Wallet

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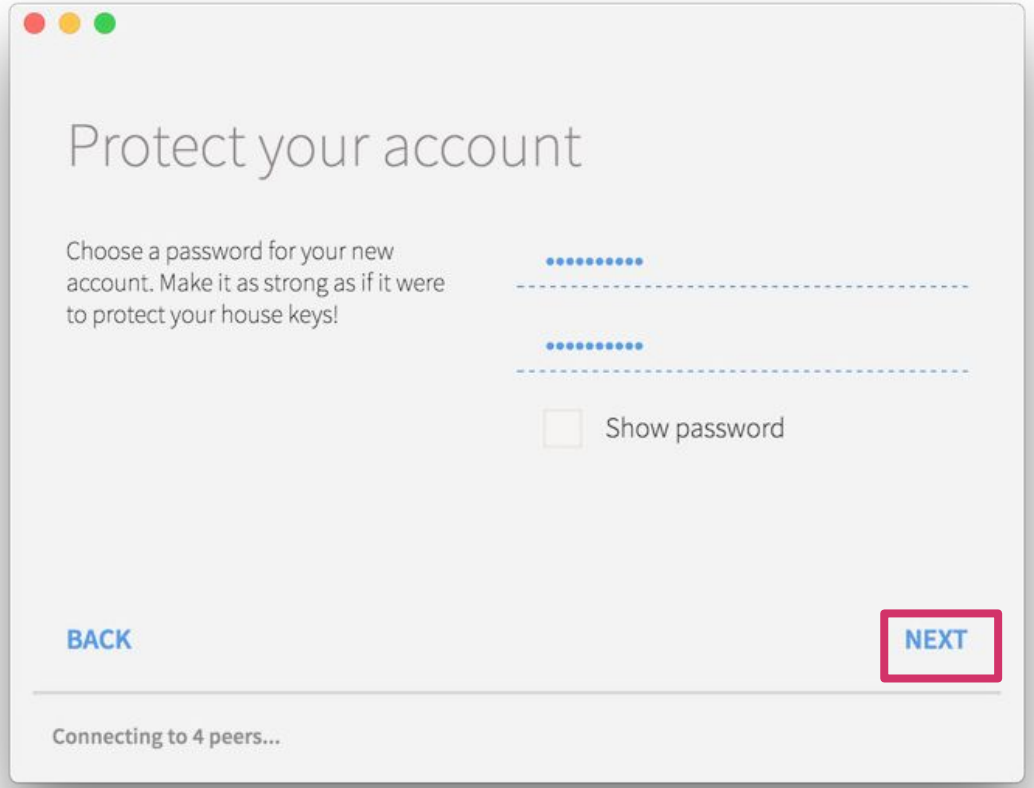

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Creating a New Wallet using MyEtherWallet

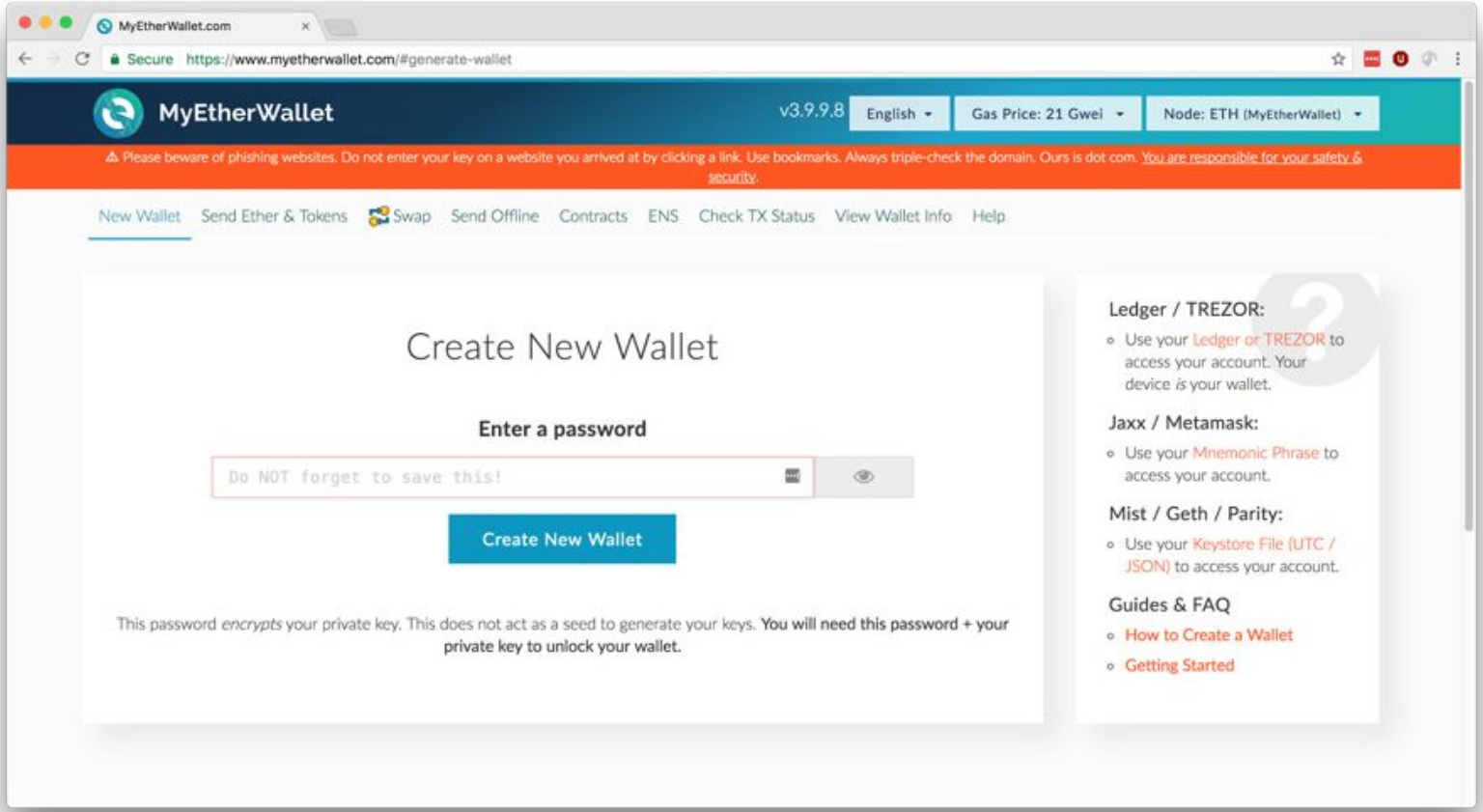
[MyEtherWallet] Creating a New Wallet

If you already have an Ethereum account you can use via MyEtherWallet please jump to the next section
- “**Sending ETH to the Token Sale Address and Buying STAR**”.

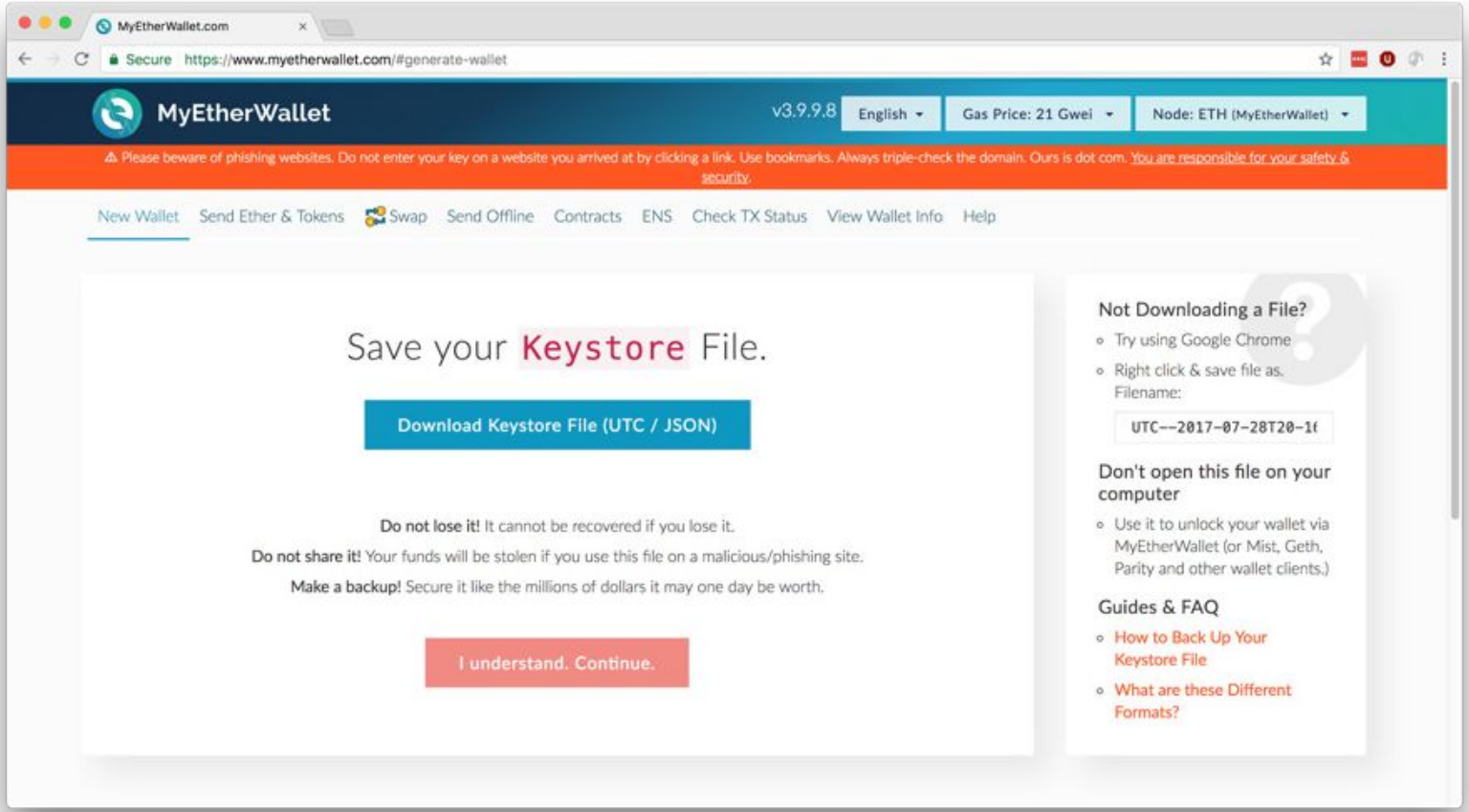
If you need to open an account in MyEtherWallet, please follow these instructions:

1. **Go to MyEtherWallet**
   1.1. Open MyEtherWallet website using the URL https://www.myetherwallet.com using a computer you trust and accessing the site using HTTPS address.
2. **Create New Wallet**
   2.1. The site should open like this, if you don’t see this page, click on the “**New Wallet**” tab.
3. **Create Password**
   3.1. It is essential that you do not forget your password. Without it you will not be able to access your wallet and the ETH and STAR in it. Make sure you create a secure password. Click on the “**Create New Wallet**” button
4. **Save Your Keystore**
   4.1. File Follow the instructions to save your keystore file. This file contains your private and public keys and is required every time you want to access your account.
   4.2. Please note that in order to access your account you must have both the keystore file and your password created in the previous step. Losing either one is equivalent to losing all of the ETH and STAR stored in your account.

[MyEtherWallet] Creating a New Wallet

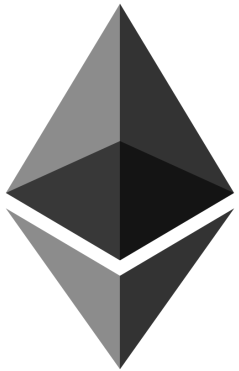


[MyEtherWallet] Creating New Wallet



Buy STAR Tokens

Buy STAR Tokens



Users can purchase STAR Tokens direct to our Smart Contract Address.

Through Ethereum Smart Contract

Users can purchase STAR Tokens through Starbase online Token Sale tool.

Through Starbase Token Sale Page

Buy STAR Tokens

Make sure that you have enough ETH in your wallet to cover your participation as well as a small transaction fee on the Ethereum blockchain, known as “gas”.

Before the token sale starts, we will publish recommendations on the amount of gas needed to participate.

Make sure the sale has started before you send ETH. You will see if the sale is live on the Starbase website.

Buy STAR Tokens - PICOPS

Important!

- **To streamline the KYC/AML process during the crowdsale, Starbase will be using PICOPS (https://picops.parity.io) to perform KYC/AML checks. PICOPS charges a small fee of 0.024 ETH per new user by PICOPS. If your ETH address is already verified by PICOPS, you do not have to re-validate. We will provide a verification check button on our website to confirm your address.**

- **ONLY PICOPS VERIFIED ADDRESS CAN CONTRIBUTE OTHERWISE YOUR TRANSACTION WILL BE REJECT AND YOU WILL LOSE THE TRANSACTION FEE.**

Buy STAR Tokens

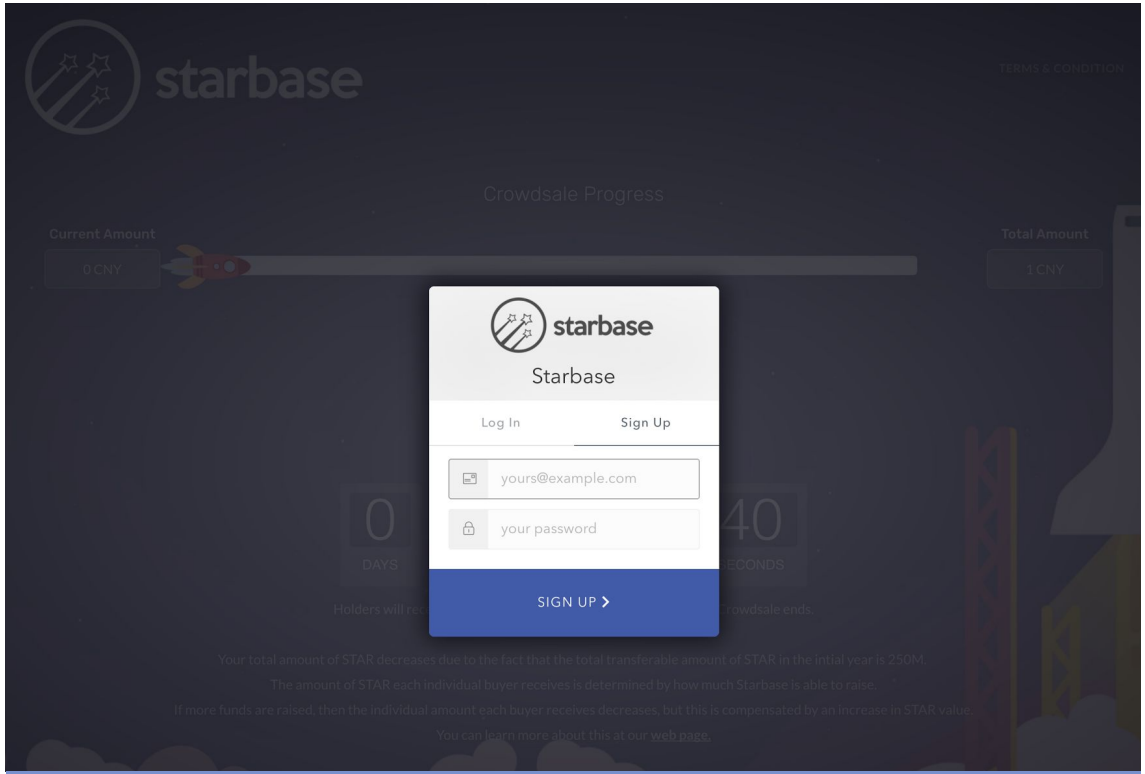
Important!

- Please only transfer ETH from your account while the sale is live. Be vigilant about attempts to encourage you to transfer ETH before the sale has started or after it has ended. We will not extend the sale date nor the hard-cap. If you detect any suspicious behaviour, please contact us at support@starbase.co

- Confirm the Address of the Sale. It is crucial that the address is accurate. Copy the address any way you like to ensure you have the right one. Using a wrong address will result in failure to participate in the sale and losing your ETH.

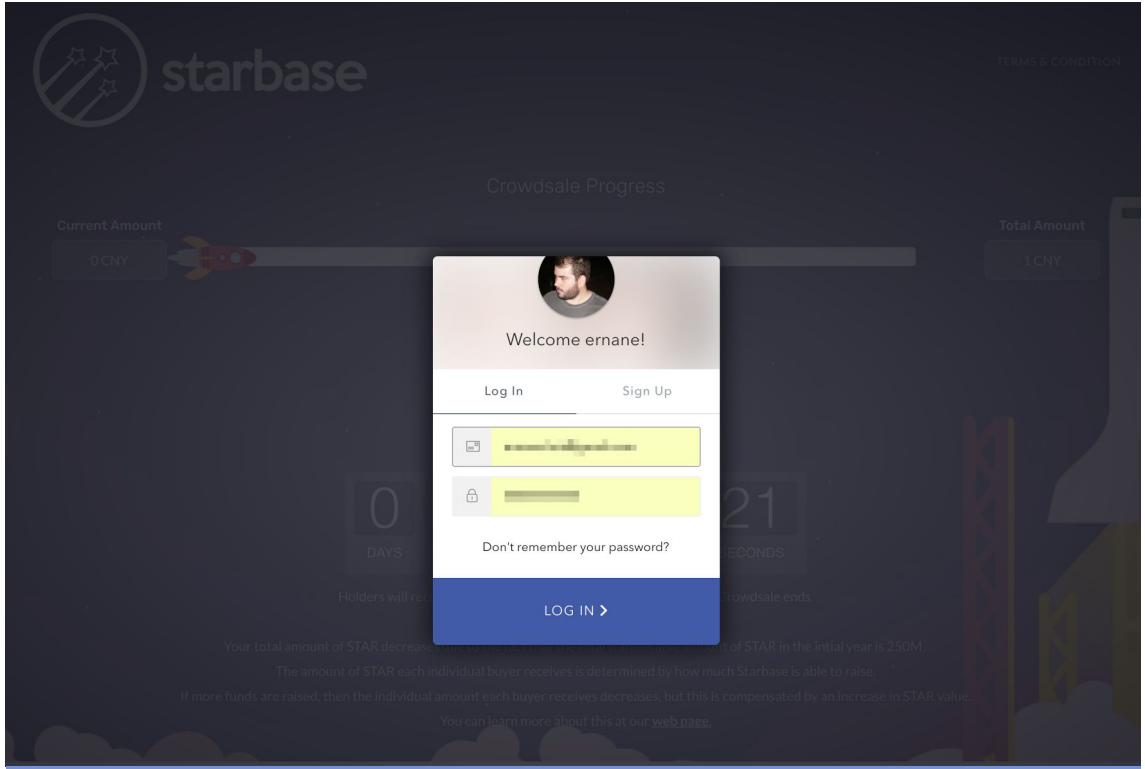
- Please only refer to the https://www.starbase.co website for the wallet address. Be vigilant about phishing - the attempt to obtain sensitive information for fraudulent or malicious uses. We will not send the wallet address by email nor ask you to send us any sensitive information. If you detect any suspicious behaviour or want to confirm the authenticity of any Starbase related announcement, please contact us at support@starbase.co.

Buy STAR Tokens



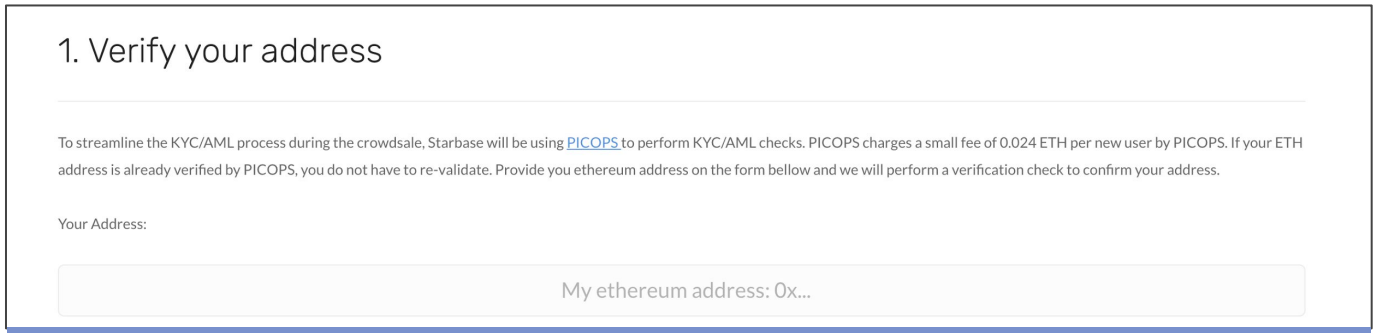
1. Go to https://crowdsale.starbase.co
2. Create your account by Signing up

Buy STAR Tokens



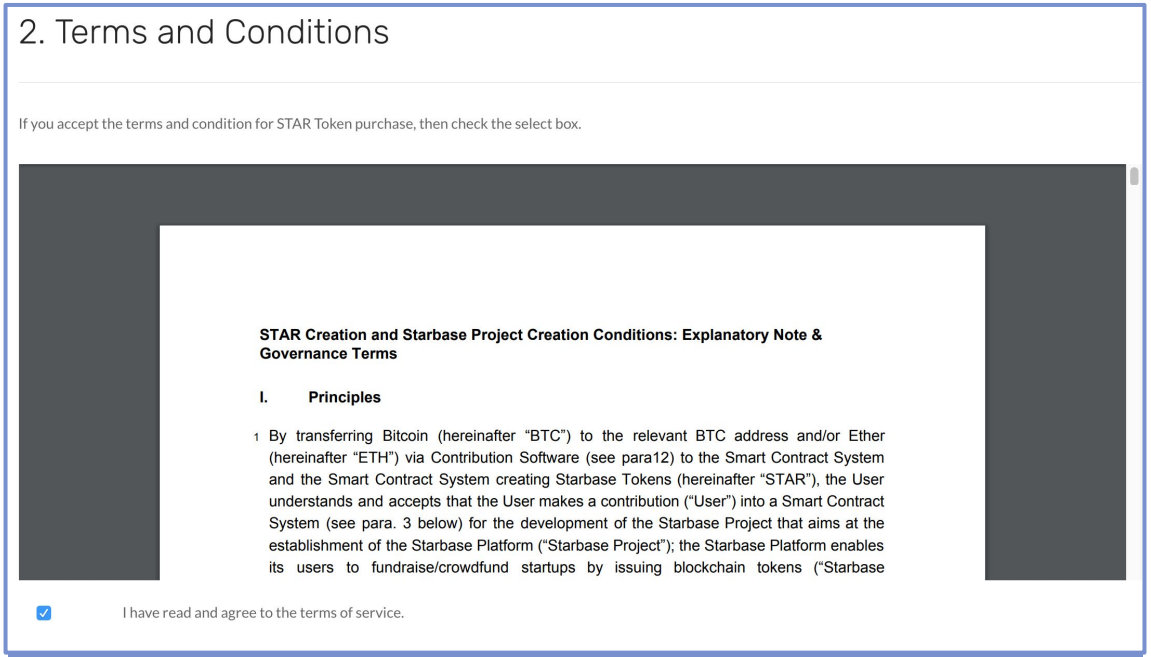
2.1. Or Login with your account

Buy STAR Tokens



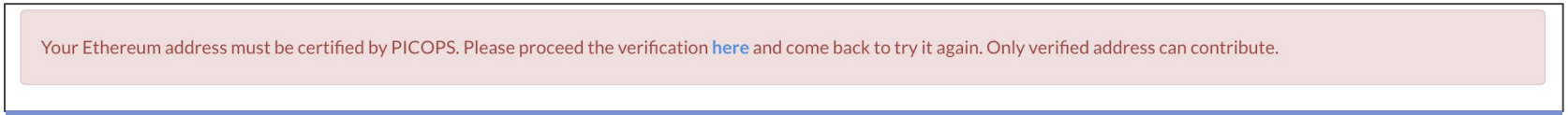
3. After authentication, you must input your verified PICOPS Ethereum address. You must send ether from this address in order to contribute.

Buy STAR Tokens



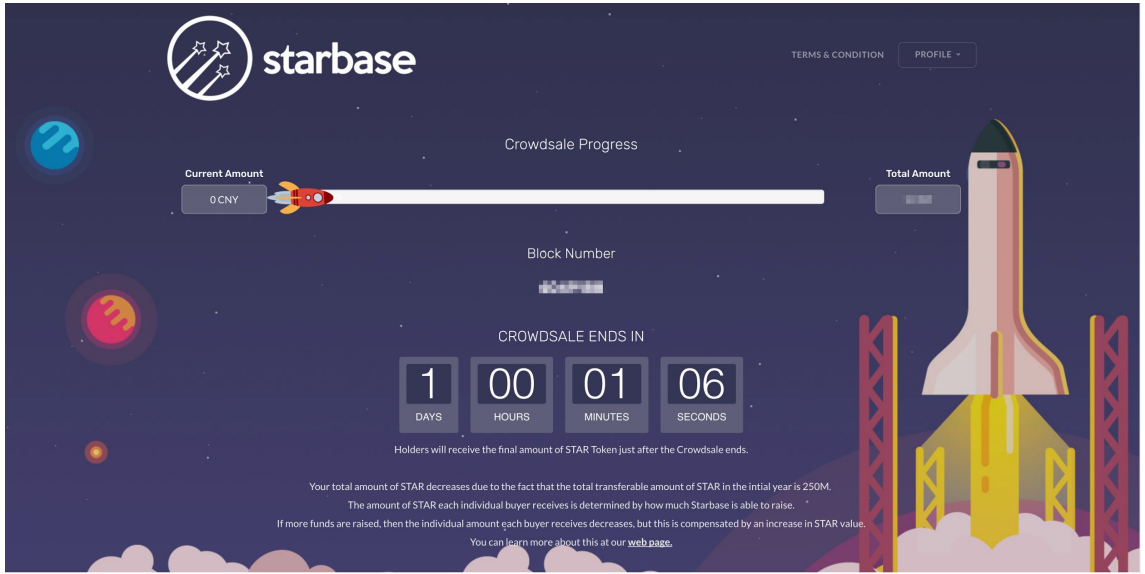
4. You **MUST** read and confirm to our Terms and Conditions.
Citizens from USA and Japan are not allowed to participate.

Buy STAR Tokens



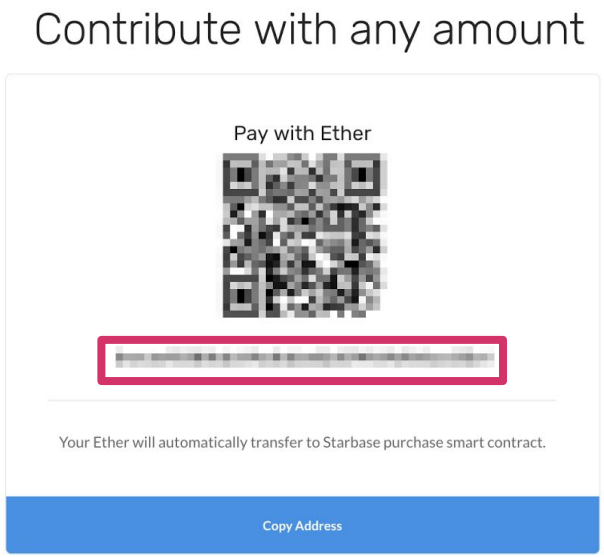
5. Click on the button “**Check if my address is confirmed by PICOPS and Continue**” and our server will check on PICOPS smart contract if your address is indeed verified by PICOPS, if your address is not verified this error will show and you will not allowed to continue until you input a verified address.

Buy STAR Tokens



6. If is everything ok you will be redirected to the contribution page. Here you will find useful information about the ongoing token sale.
7. Click on CONTRIBUTE NOW

Buy STAR Tokens



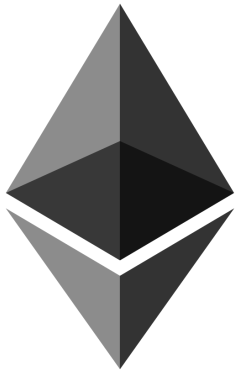
8. Where you will find our contract address which you can send ether to in order to contribute. **Use this address to send Ether(ETH)**

Buy STAR Tokens

9. Send the amount of ETH from your Ethereum Wallet. On the following slides you can check how to send Ether from Ethereum Wallet(MIST) and MyEtherWallet(MEW).

Holders will receive the final amount of STAR Token just after the Crowdsale ends. The amount of STAR each individual buyer receives is determined by how much Starbase is able to raise. If more funds are raised, then the individual amount each buyer receives decreases, but this is compensated by an increase in STAR value.

Sending Ether



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I am using MyEtherWallet

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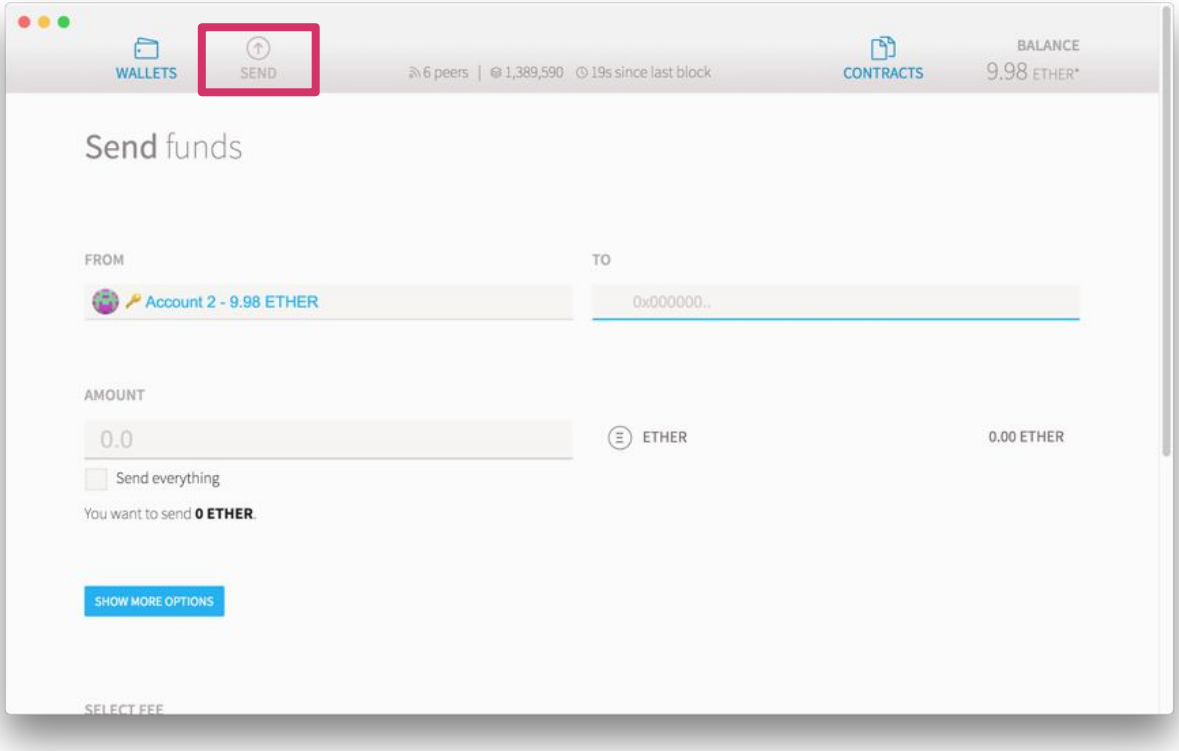
Sending Ether using the Ethereum Wallet (MIST)

[Ethereum Wallet] Sending Ether

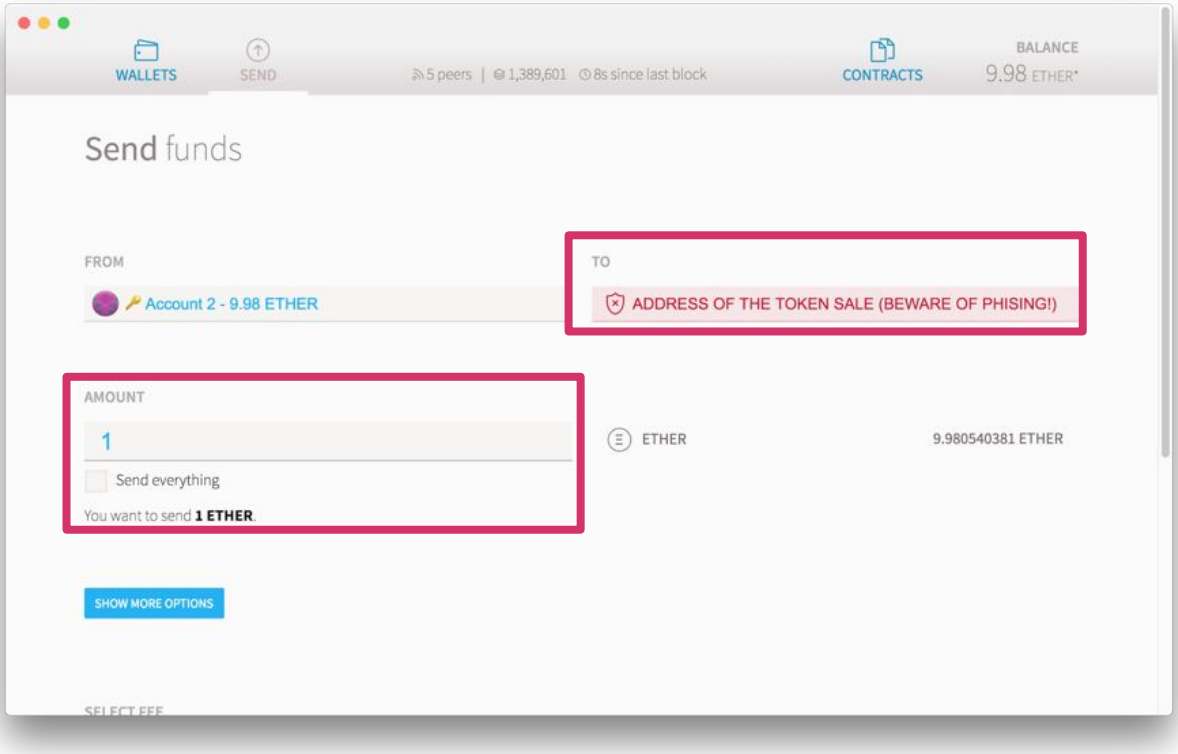
1. **Open the account**
   1.1. from which you would like to send ETH during the sale.
   1.2. Click on “**Send**”:



[Ethereum Wallet] Sending Ether

2. **Fill in the transaction details**
   2.1. In the “**To**” field enter the **smart contract address**. Make sure that you have the correct address copied in the previous step.

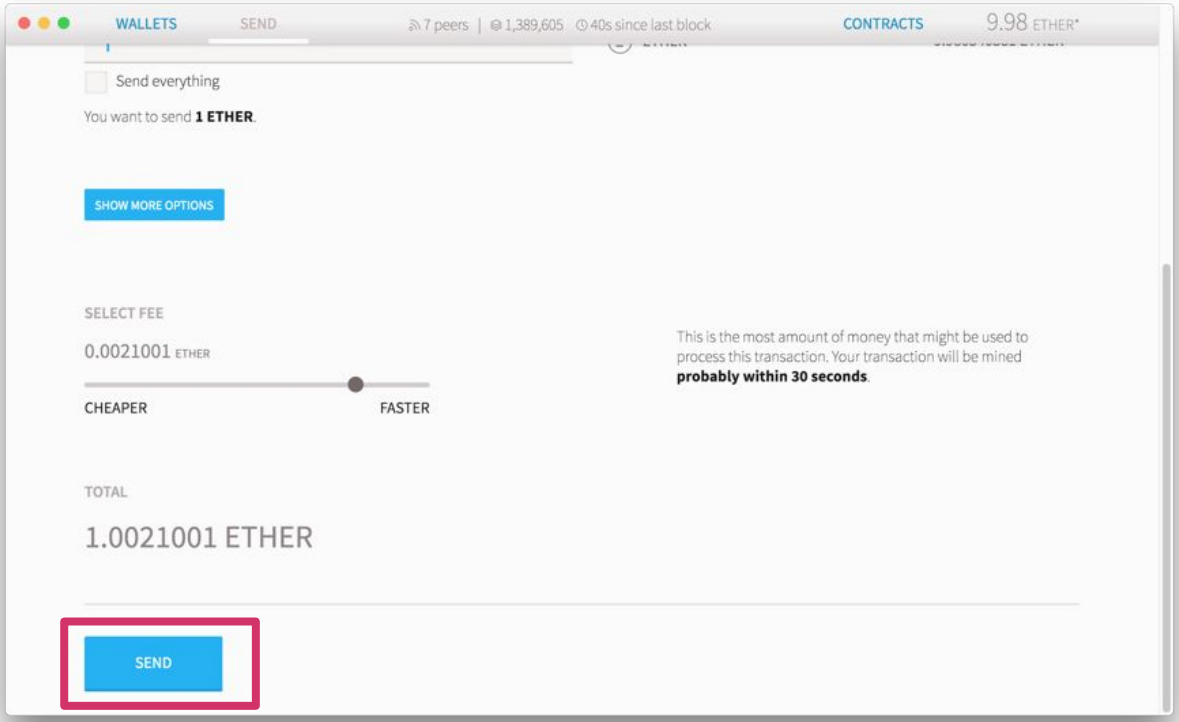
   2.2. In the “**Amount**” field fill in the desired amount of ETH you wish to use to buy STAR tokens



[Ethereum Wallet] Sending Ether

2. Fill in the transaction details

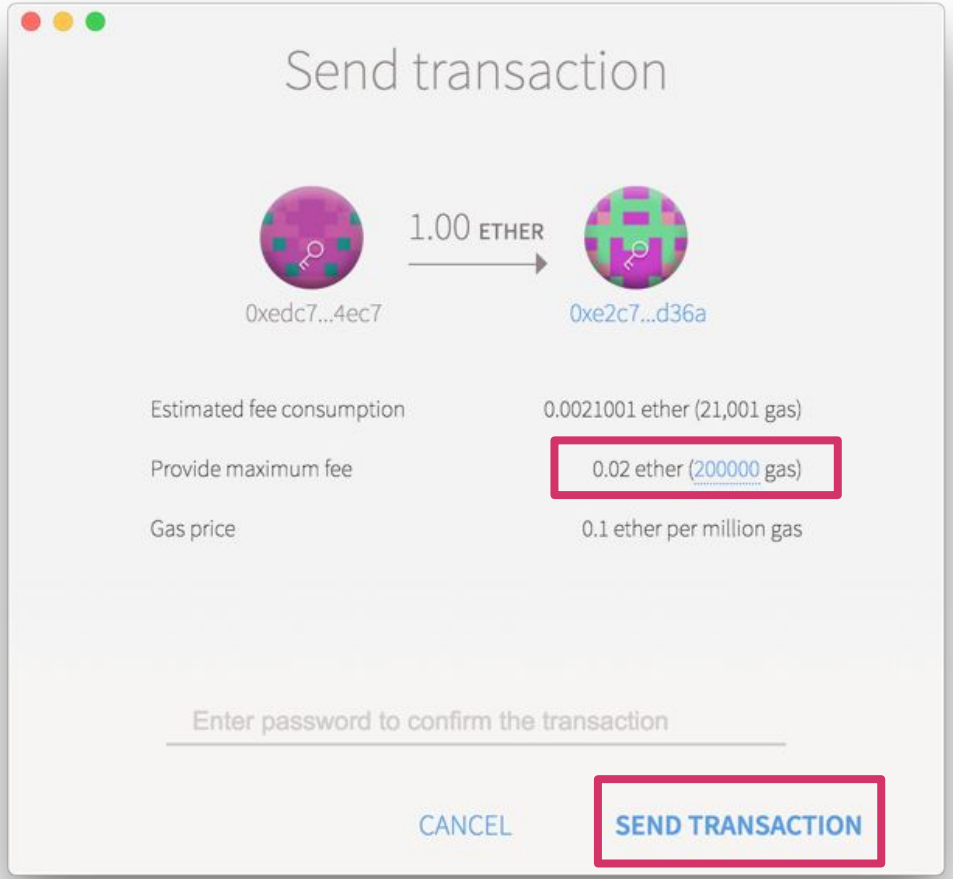
2.3. Scroll down and Click “**Send**”:



[Ethereum Wallet] Sending Ether

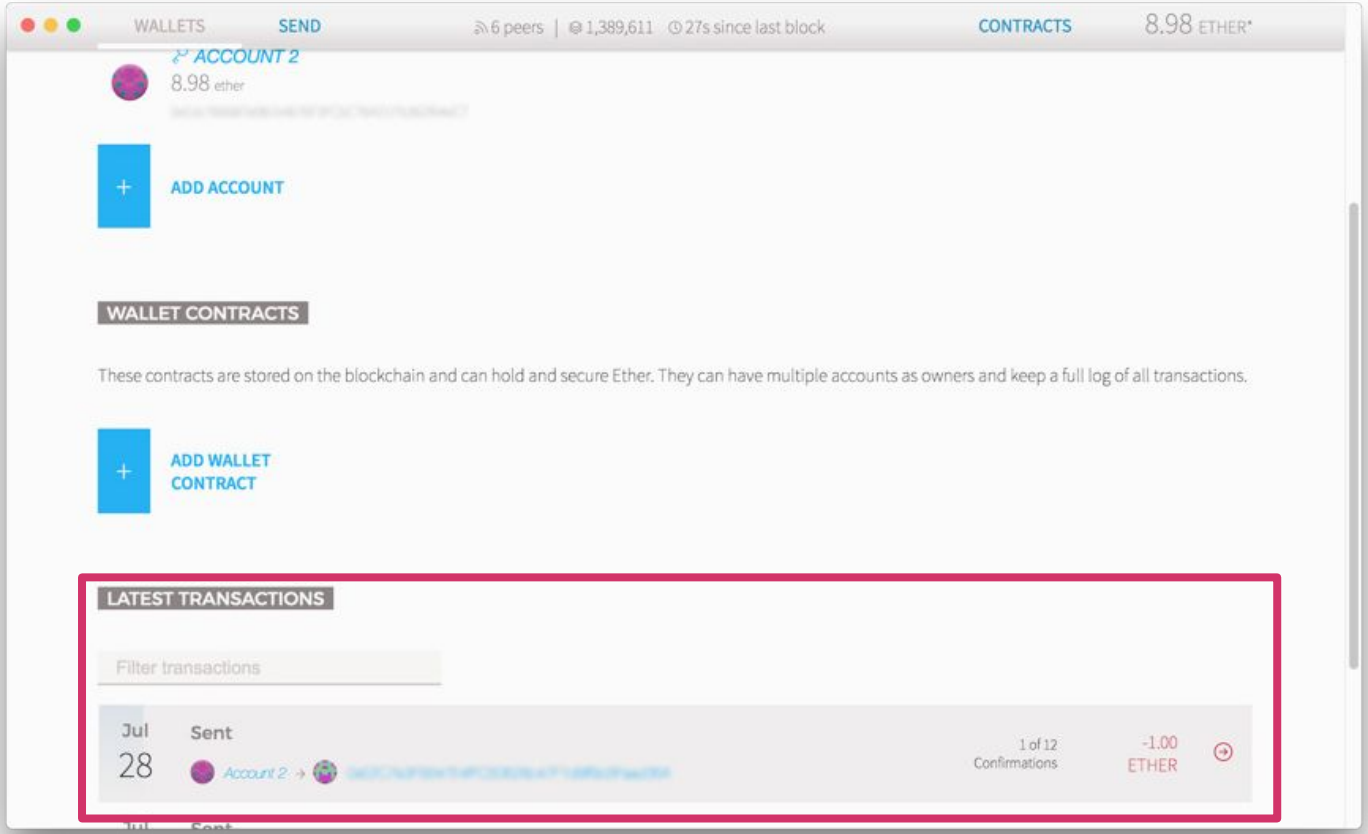
3. **Send the transaction**
   - 3.1. A new dialog box summarizing the transaction will open. Review the summary to make sure the data is correct. The “gas” amount should be at least **200,000** to ensure the transaction is processed.
   - 3.2. Click “**Send Transaction**” to proceed.

4. **Congratulations!**
   - 4.1. You have now purchased STAR Tokens that corresponds to the amount of ETH you sent.



[Ethereum Wallet] Sending Ether

5. **Confirm ETH were sent**
   - 5.1. Scroll down to see the outgoing transaction.
   - 5.2. Click on the transaction and check its status. Once the transaction is successfully sent, you should see that it is confirmed:



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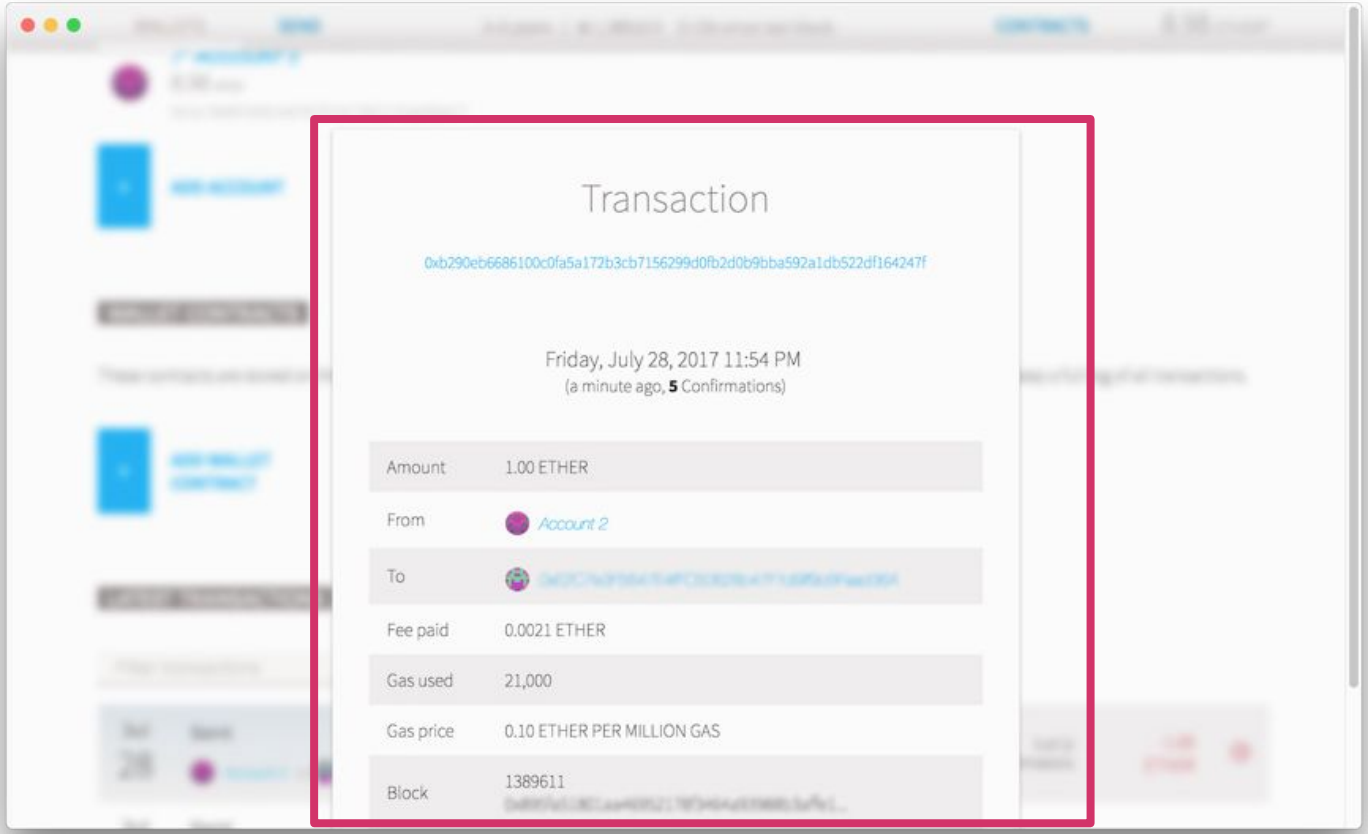

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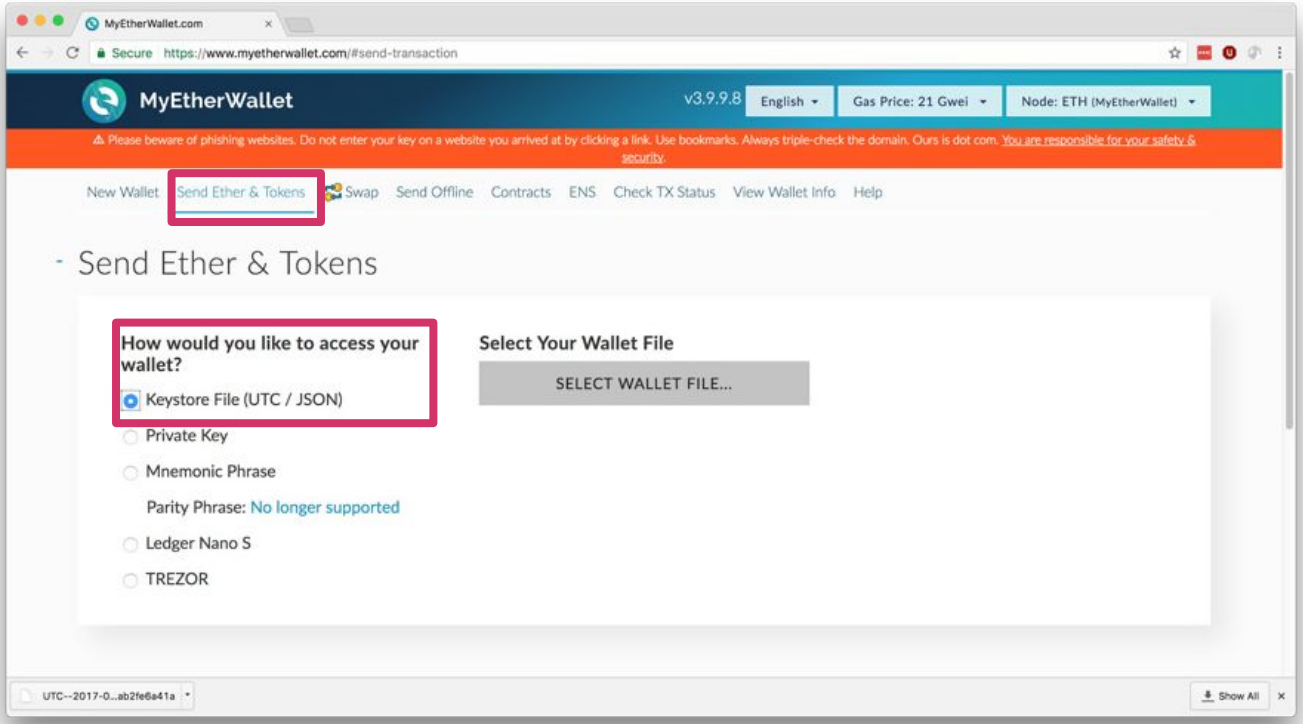
Sending Ether using MyEtherWallet

[MyEtherWallet] Sending Ether

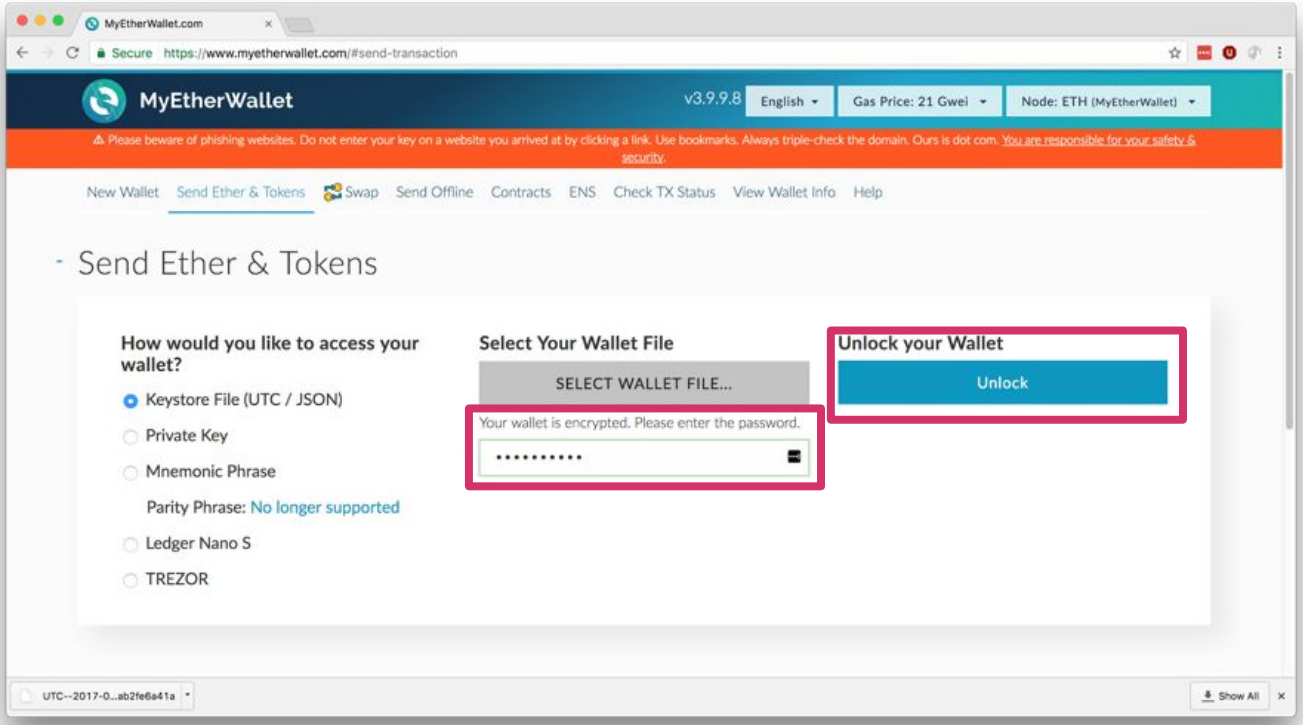
1. **Go to MyEtherWallet**
2. **Go to “Send Ether & Tokens” tab.**
   2.1. Choose how you would like to access your wallet. For instance, if you choose to access using your keystore file, select the wallet file as indicated below.



[MyEtherWallet] Sending Ether

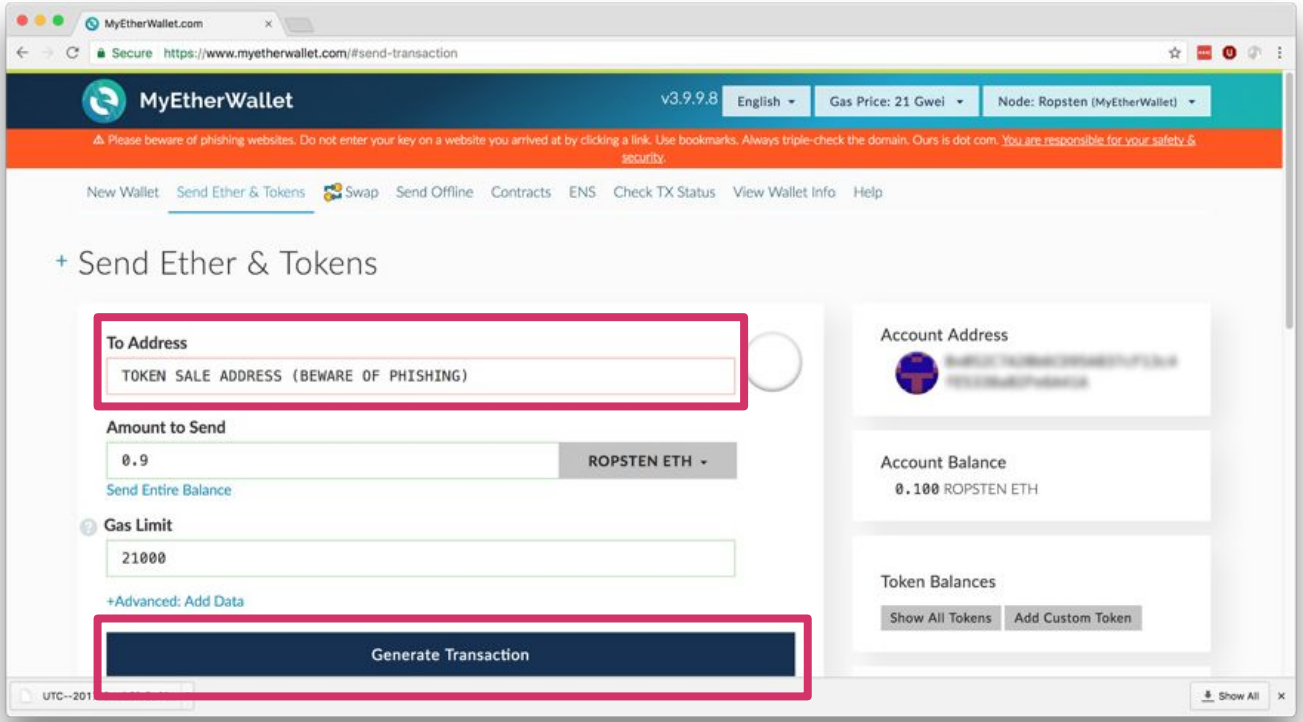
3. **Input your password**

4. **Click “Unlock” to proceed.**



[MyEtherWallet] Sending Ether

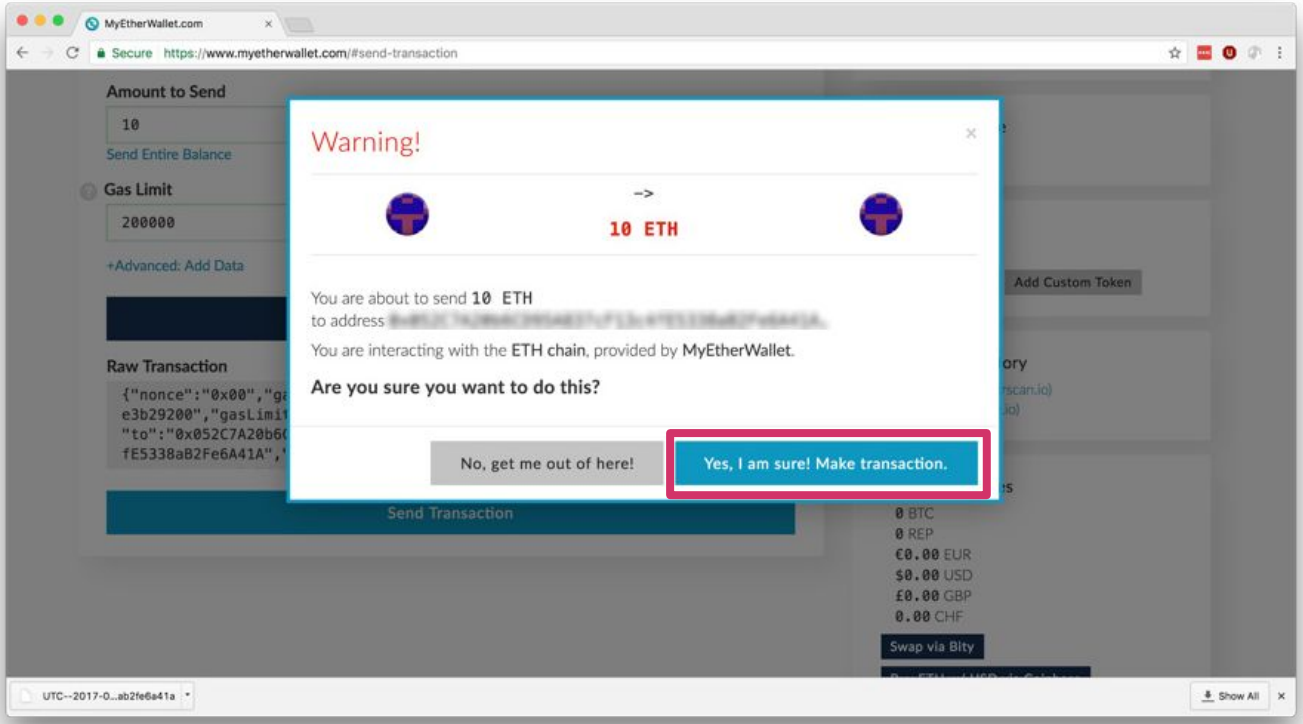
5. Fill the “**Send Transaction**” form.
   - 5.1. In the “**To Address**” field paste the sale address copied in the last step.
   - 5.2. In the “**Amount to Send**” field fill in the amount of ETH you wish to use buying STAR tokens
   - 5.3. In the “**Gas Limit**” field change the minimum amount to 200,000. This will ensure that your transaction is processed
   - 5.4. Click on “**Generate Transaction**”



[MyEtherWallet] Sending Ether

After Clicked “**Send Transaction**”. MyEtherWallet will generate a check asking you to confirm the transaction. Assuming that the data is correct and you wish to proceed.

6. **Click “Yes, I am sure! Make transaction”.**
   DO NOT click on this button again.
7. **Congratulations!** You have now purchased the amount of STAR that corresponds to the amount of ETH you sent.



How to withdraw my STAR Tokens?

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I am using MyEtherWallet

https://token.im/
imToken is a free Ethereum Mobile wallet.

I am using imToken

How to withdraw my STAR Tokens using the MyEtherWallet (MEW)

[MEW] Withdraw my STAR Tokens

1. In order to get you STAR tokens from our contract you must withdraw it from our contract by calling a function of the contract. Our contract has record of all purchases, and **in order to get your STAR tokens you must call this function using the address which you made the purchase.**
2. So let's get started! On MEW, Click the "**Contracts**" tab
3. Copy and paste the provided Contract Address and its ABI

Contract Address: 0x54c548703C6F423cf7ED22806B608d332FceBB3b

ABI (next page)

Video Tutorial: https://www.youtube.com/watch?v=DDFvmP88Hq4

[MEW] Withdraw my STAR Tokens

(copy this) ABI:


```
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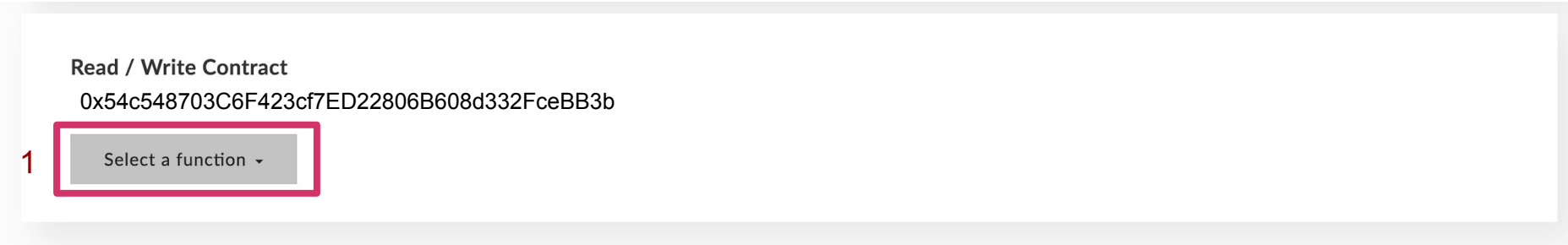
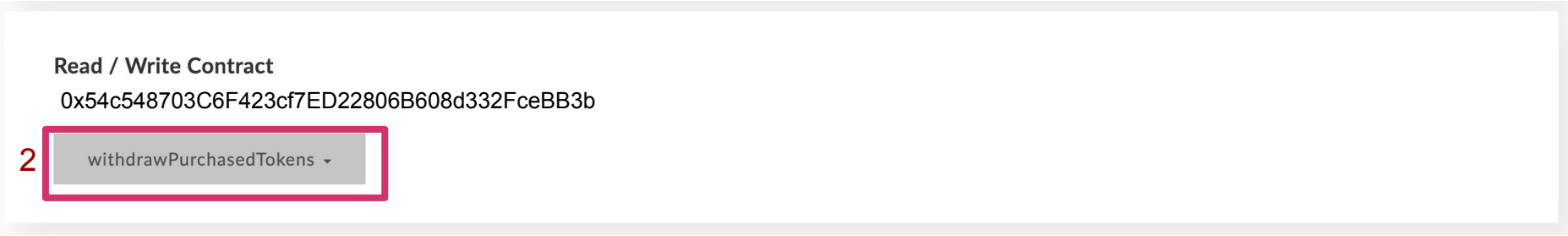
```

[MEW] Withdraw my STAR Tokens

[MEW] Withdraw my STAR Tokens

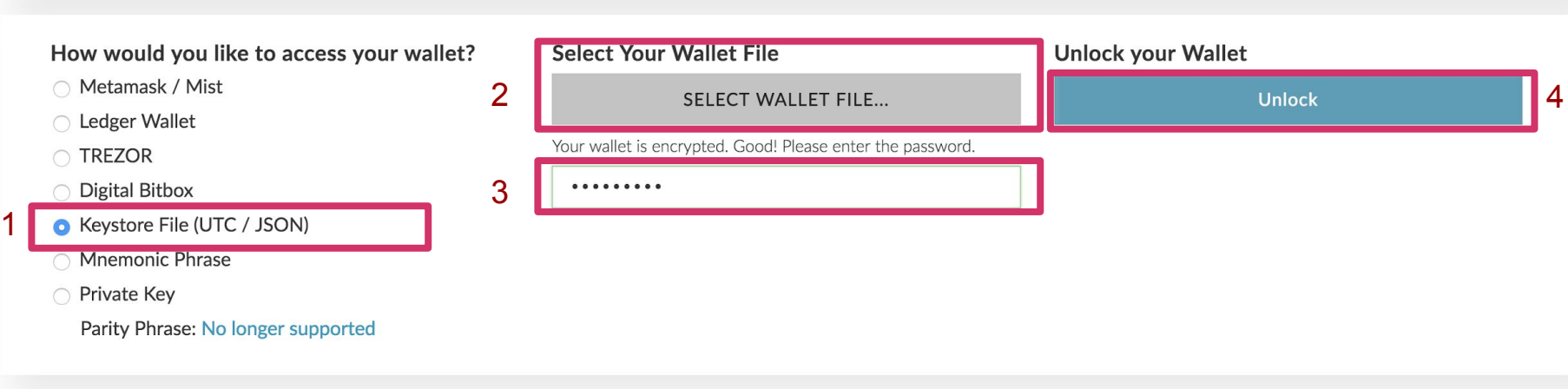
4. Then select the function “**withdrawPurchasedTokens**” on the dropbox “**Select a function**”





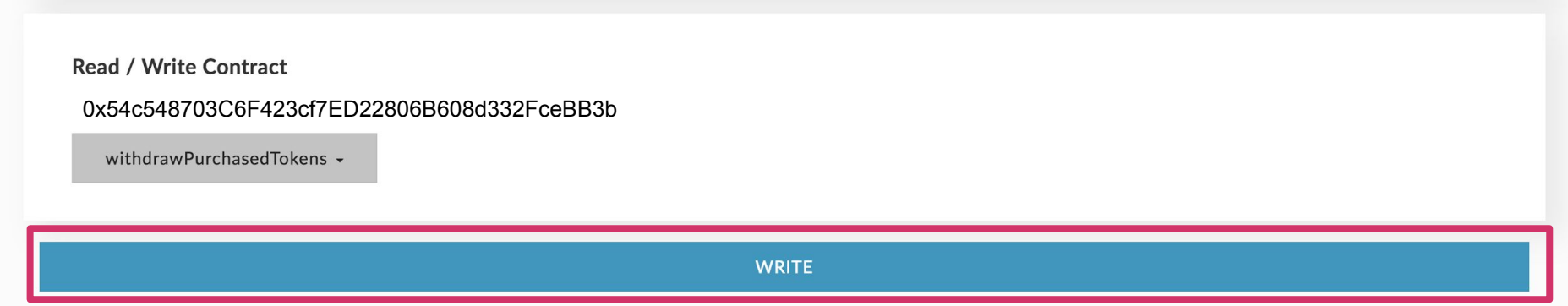
[MEW] Withdraw my STAR Tokens

5. Now, Unlock your account because you need to make a transaction to the contract in order to trigger the withdraw. Select the method which is most convenient for you.



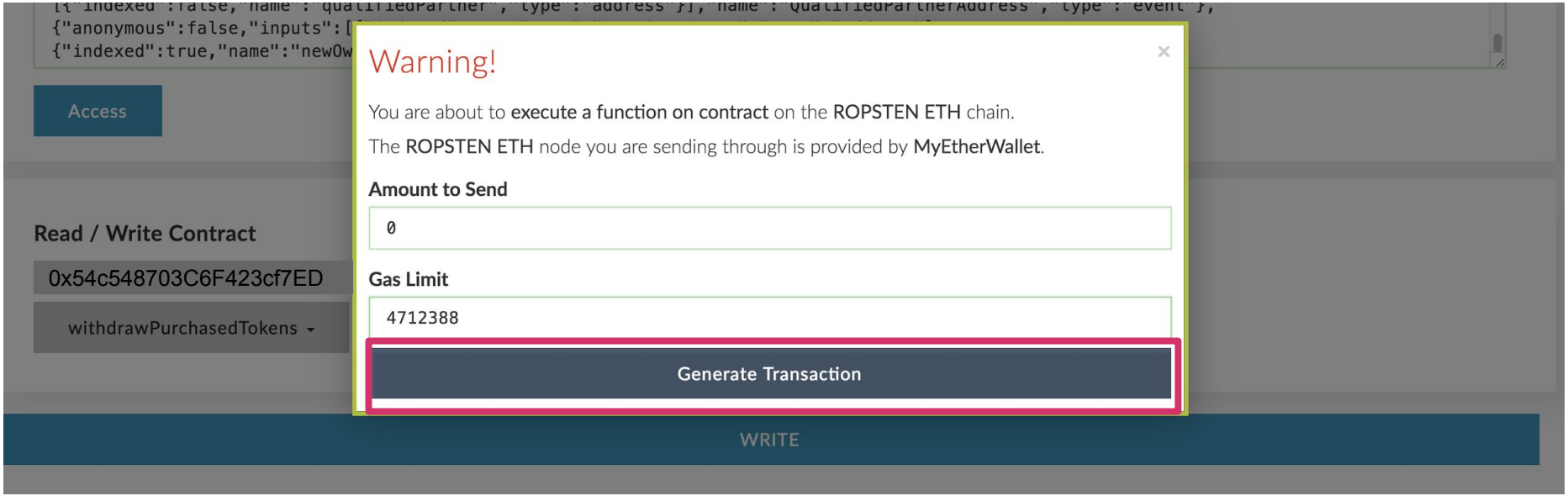
[MEW] Withdraw my STAR Tokens

6. Click in “**Write**” button.



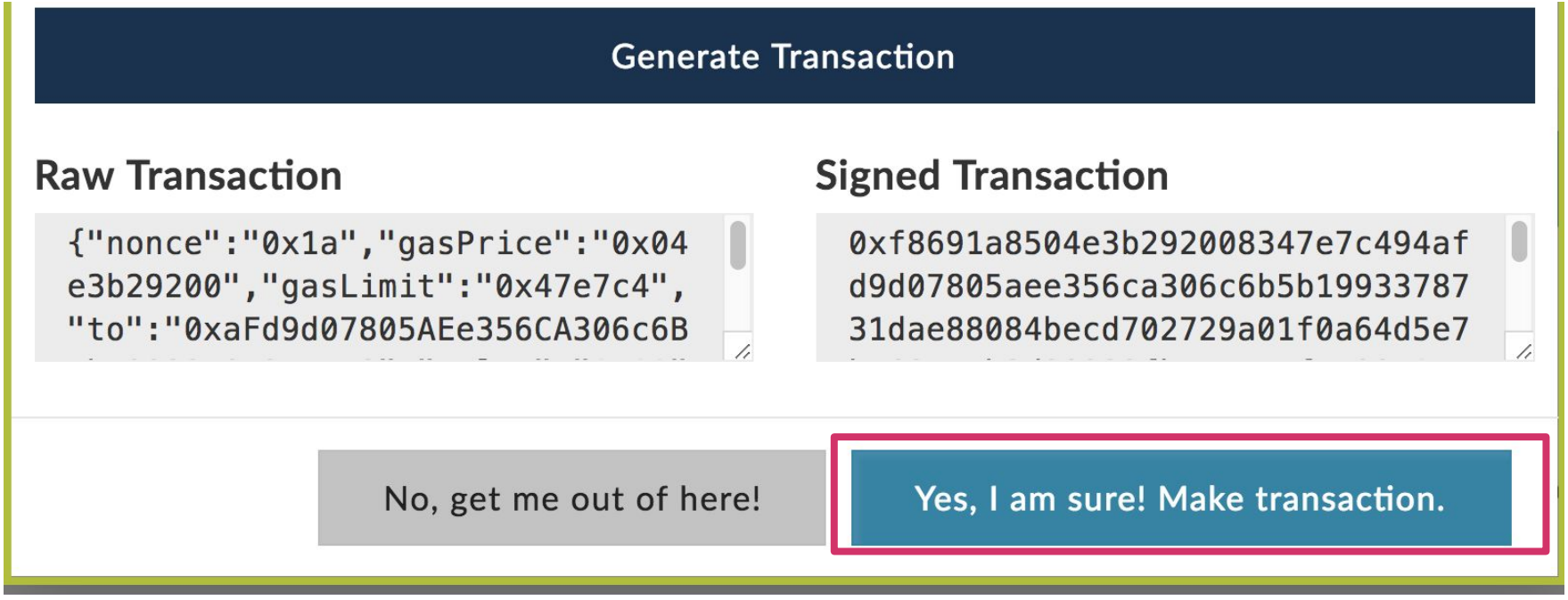
[MEW] Withdraw my STAR Tokens

7. Click in “**Generate Transaction**” button.
PS: please add the necessary Gas limit in order to your transaction don’t be rejected for “Lower gas” error.



[MEW] Withdraw my STAR Tokens

8. Click in “**Yes, I am sure! Make transaction**” button.
And that is it! After your transaction be mined your STAR tokens will appear on your address, which must be the same address where made the purchase.
Now just follow the next step: **4 “How do I see my STAR Tokens?”.** This is necessary for your wallet now that you have Utility tokens.



How to withdraw my STAR Tokens using the Ethereum Wallet (MIST)

[MIST] Withdraw my STAR Tokens

1. In order to get you STAR tokens from our contract you must withdraw it from our contract by calling a function of the contract. Our contract has record of all purchases, and **in order to get your STAR tokens you must call this function using the same address which you made the purchase.**
2. So let's get started! On Ethereum Wallet (MIST), Click the "**Contracts**" tab
3. Copy to clipboard the provided Contract Address and its ABI

Contract Address: 0x54c548703C6F423cf7ED22806B608d332FceBB3b

ABI (next page)

[MIST] Withdraw my STAR Tokens

(copy this) ABI:


```
[{"constant":true,"inputs":[{"name":"","type":"address"}],"name":"earlyPurchasedAmountBy","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"startDate","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"crowdsaleTokenAmount","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"earlyPurchasesLoaded","outputs":[{"name":"","type":"bool"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":false,"inputs":[{"name":"starbaseTokenAddress","type":"address"},{"name":"StarbaseCrowdsaleAddress","type":"address"}],"name":"setup","outputs":[],"payable":false,"stateMutability":"nonpayable","type":"function"},{"constant":true,"inputs":[],"name":"endedAt","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"numOfLoadedCrowdsalePurchases","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"numOfLoadedEarlyPurchases","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"totalRaisedAmountInCny","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[{"name":"","type":"address"}],"name":"numOfPurchasedTokensOnEpBy","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"earlyPurchaseTokenAmount","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"crowdsalePurchasesLoaded","outputs":[{"name":"","type":"bool"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"starbaseEpAmendment","outputs":[{"name":"","type":"address"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[{"name":"","type":"address"}],"name":"crowdsalePurchaseAmountBy","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[{"name":"","type":"address"}],"name":"numOfPurchasedTokensOnCsBy","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"starbaseCrowdsale","outputs":[{"name":"","type":"address"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"owner","outputs":[{"name":"","type":"address"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"numOfDeliveredCrowdsalePurchases","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"numOfDeliveredEarlyPurchases","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"isEnded","outputs":[{"name":"","type":"bool"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[{"name":"","type":"uint256"}],"name":"earlyPurchasers","outputs":[{"name":"","type":"address"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[{"name":"","type":"address"}],"name":"tokenWithdrawn","outputs":[{"name":"","type":"bool"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":false,"inputs":[],"name":"withdrawPurchasedTokens","outputs":[],"payable":false,"stateMutability":"nonpayable","type":"function"},{"constant":true,"inputs":[],"name":"totalAmountOfCrowdsalePurchases","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"starbaseToken","outputs":[{"name":"","type":"address"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"totalAmountOfEarlyPurchases","outputs":[{"name":"","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":false,"inputs":[{"name":"numOfPresalePurchases","type":"uint256"}],"name":"loadCrowdsalePurchases","outputs":[],"payable":false,"stateMutability":"nonpayable","type":"function"},{"constant":true,"inputs":[{"name":"purchasedAmount","type":"uint256"},{"name":"rawAmount","type":"uint256"},{"name":"bonusBegin","type":"uint256"},{"name":"bonusEnd","type":"uint256"},{"name":"bonusTier","type":"uint256"}],"name":"calculateBonusInRange","outputs":[{"name":"bonus","type":"uint256"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[],"name":"totalAmountOfCrowdsalePurchasesWithoutBon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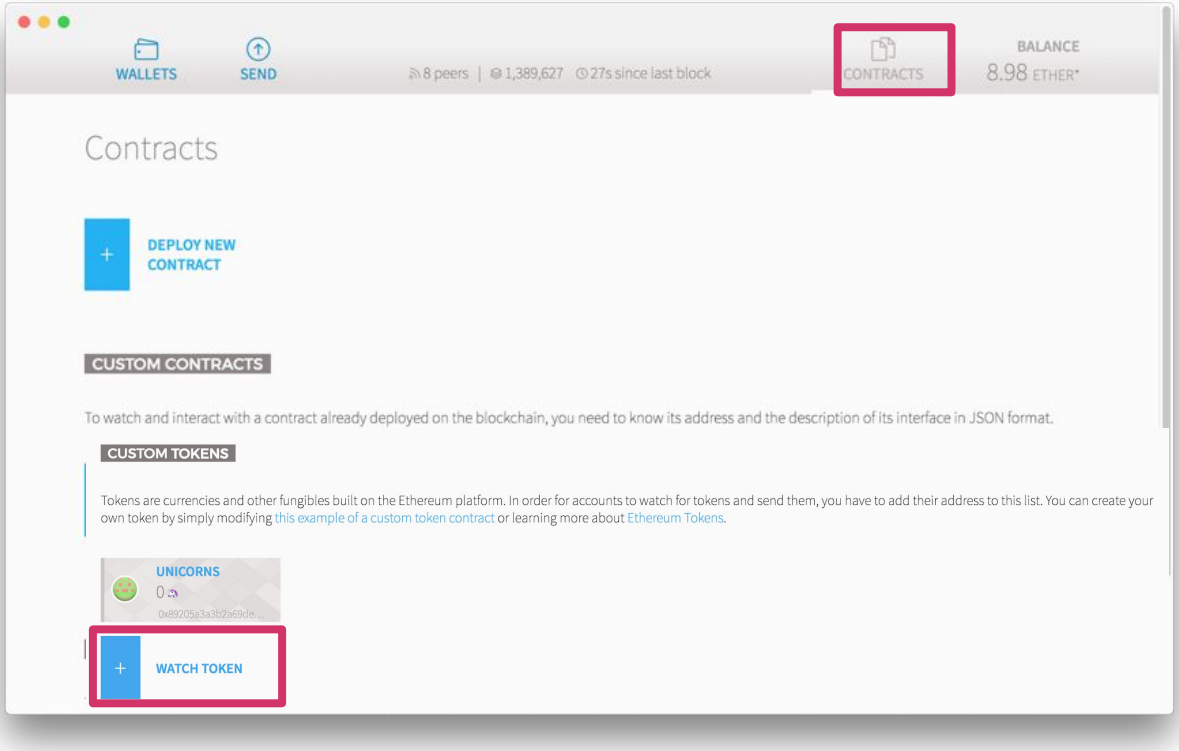
[MIST] Withdraw my STAR Tokens

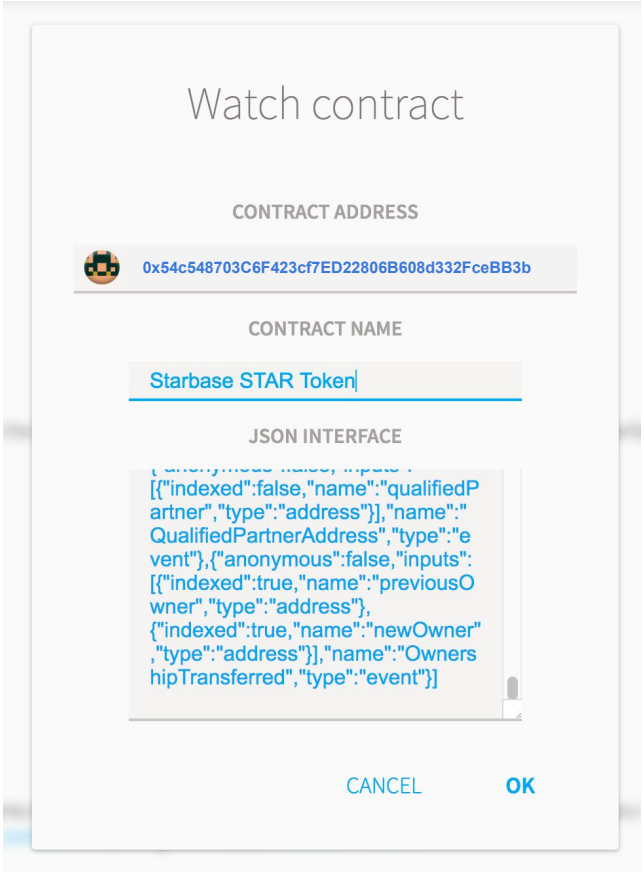
1. Open your Ethereum Wallet
2. Click the “**Contracts**” tab
3. Click on the “**Watch Token**” button.



[MIST] Withdraw my STAR Tokens

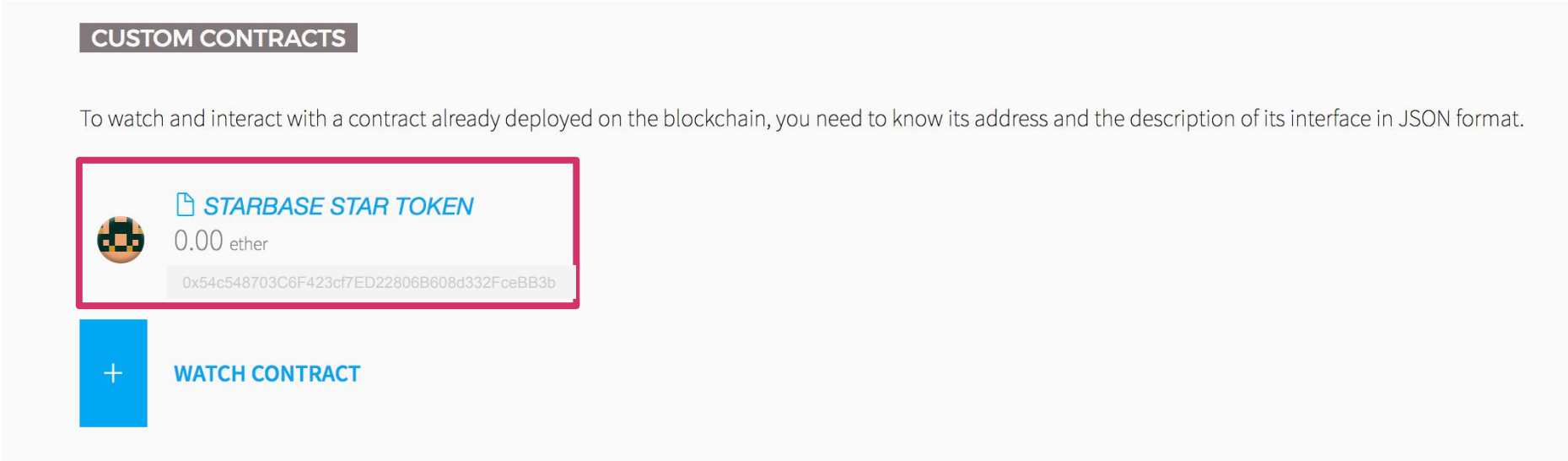
4. Paste the provided Contract Address and its ABI

5. Click “**OK**”



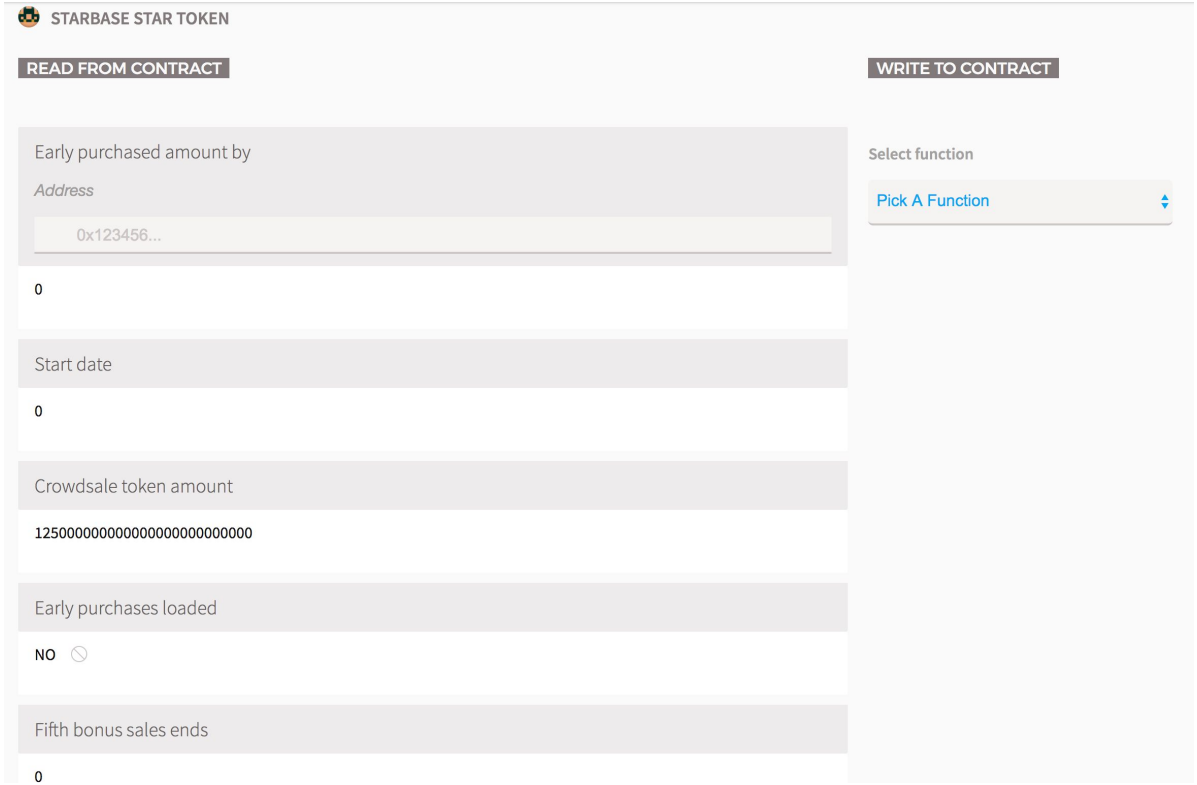
[MIST] Withdraw my STAR Tokens

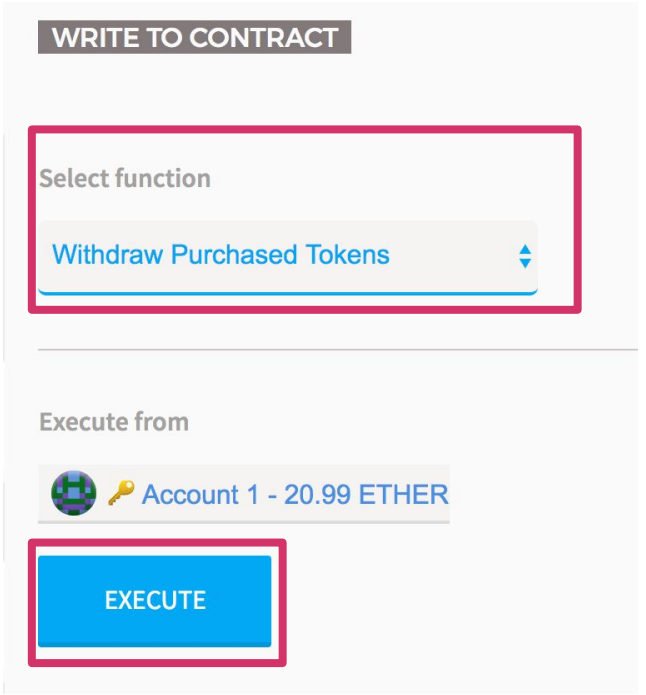
4. Now the contract is added to you list, then click on it



[MIST] Withdraw my STAR Tokens

5. Select the function: “**Withdraw Purchased Tokens**” and click “**execute**”





[MIST] Withdraw my STAR Tokens

6. Do the transaction and that is it! After you transaction be mined your STAR tokens will appear on your address, which must be the same address where made the purchase.

Now just follow the next step: **4 “How do I see my STAR Tokens?”.** This is necessary for your wallet now that you have Utility tokens.

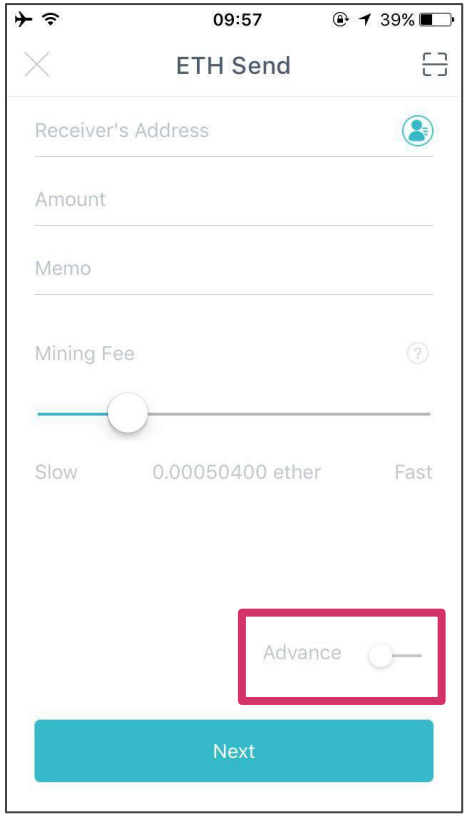
How to withdraw my STAR Tokens using the imToken Wallet

[imToken] Withdraw my STAR Tokens

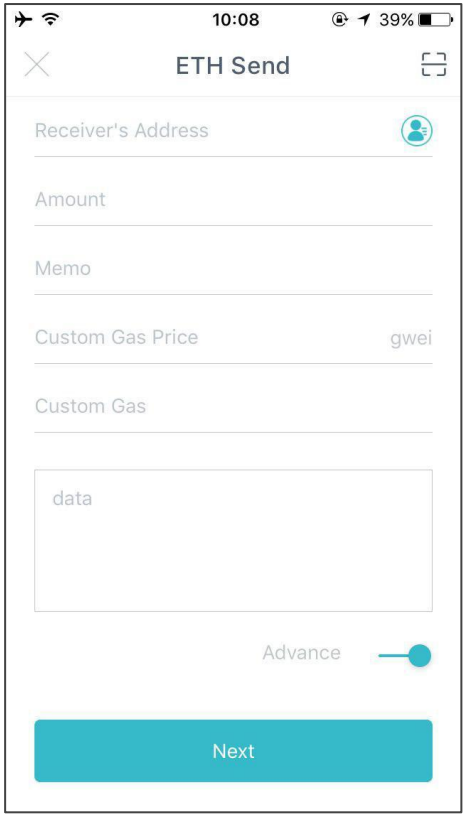
1. In order to get you STAR tokens from our contract you must withdraw it from our contract by calling a function of the contract. Our contract has record of all purchases, and **in order to get your STAR tokens you must call this function using the same address which you made the purchase.**
2. So let’s get started!

[imToken] Withdraw my STAR Tokens

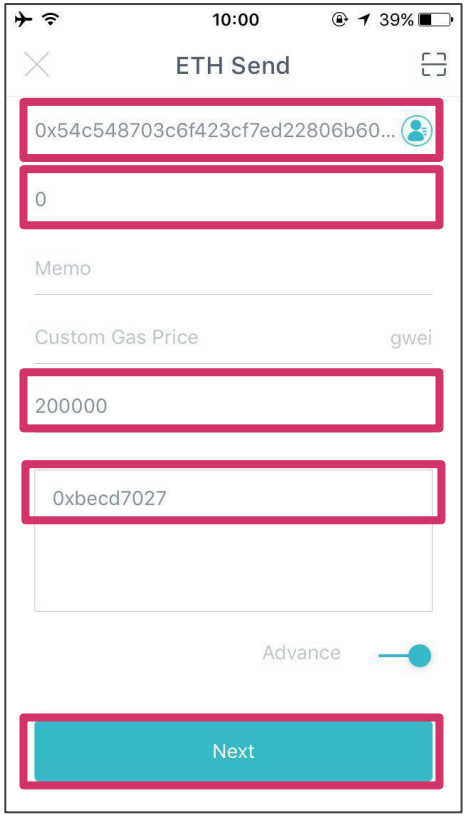
1. Go to “**ETH SEND**” screen and tap on “**Advance**”



2. tap on “**Advance**”



3. Fill Out the form with this information and tap “**Next**”



Receiver’s Address: **0x54c548703c6f423cf7ed22806b608d332fcebb3b**

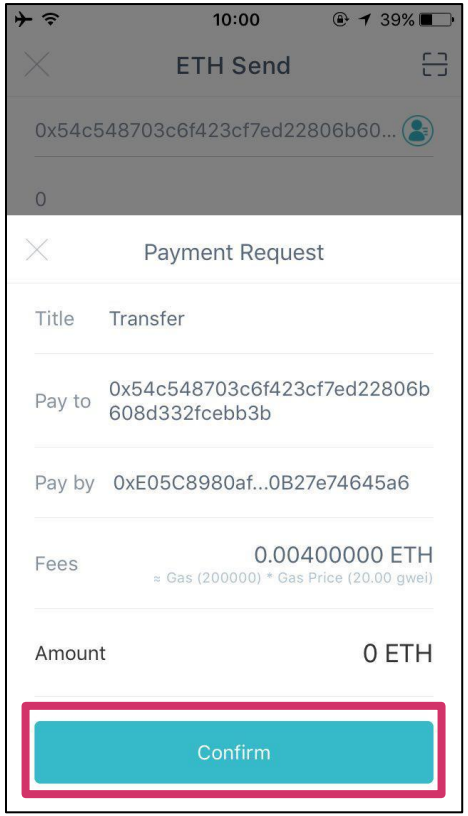
Amount: 0

Custom Gas: **200000**

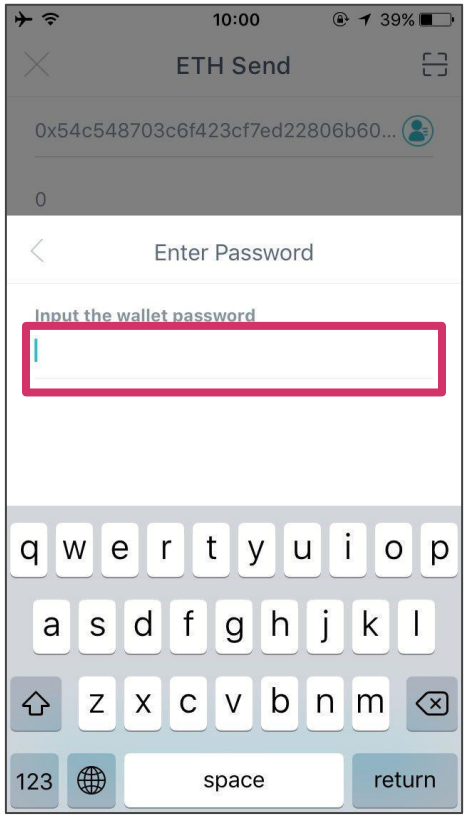
data: **0xbecd7027**

[imToken] Withdraw my STAR Tokens

4. Confirm the Payment Request.



5. Input your wallet password and send the transaction.



Wait the transaction be mined, after that your STAR tokens will be credit on your wallet.

If this method not work with you, please check the next slides, we will teach about how to export your private key from imToken and how to import to myEtherWallet.

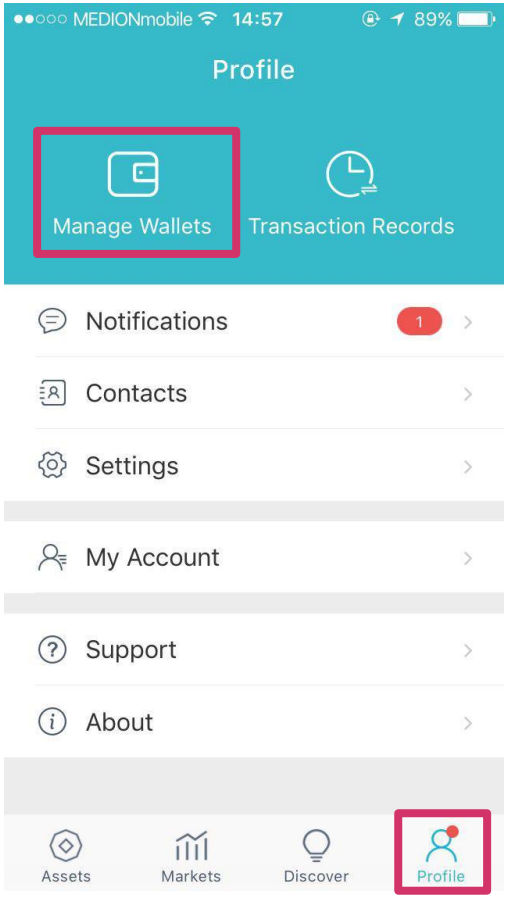
[imToken] Withdraw my STAR Tokens

1. In order to get you STAR tokens from our contract you must withdraw it from our contract by calling a function of the contract. Our contract has record of all purchases, and **in order to get your STAR tokens you must call this function using the same address which you made the purchase. If the previous method did not work for you, then you must export from imToken app you keystore (a.k.a private key) and import to the MyEtherWallet.**

So let’s get started!

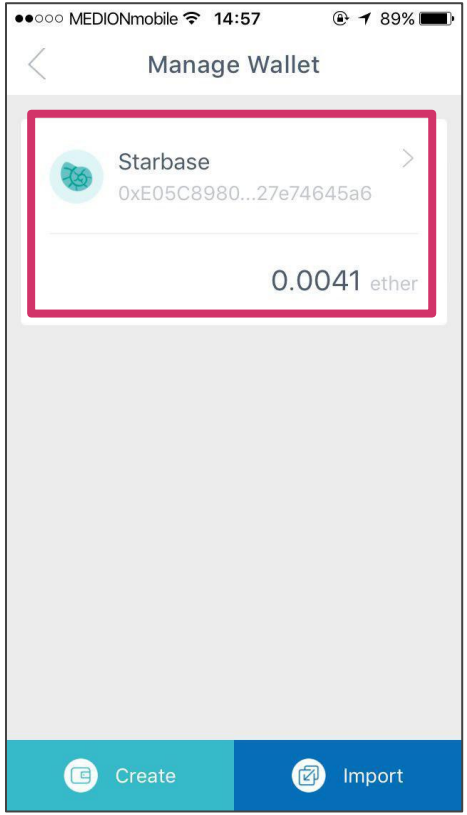
[imToken] Withdraw my STAR Tokens

1. Open your imToken app
2. Tap on “**Profile**” tab.
3. Then tap in “**Manage Wallets**”

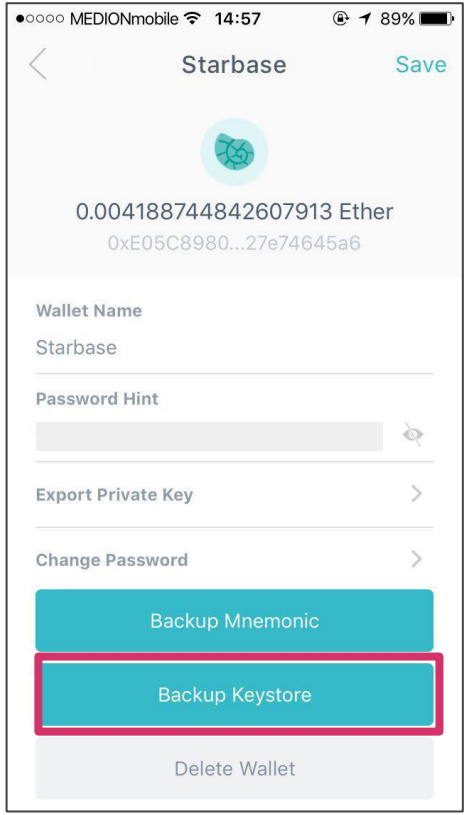


[imToken] Withdraw my STAR Tokens

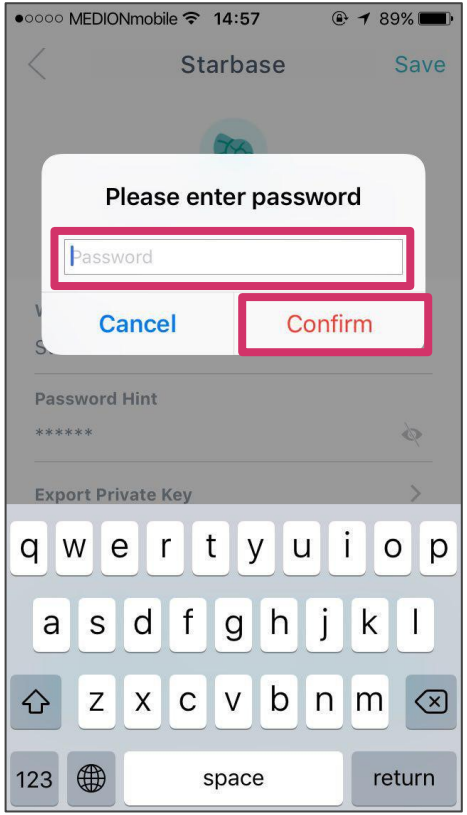
4. Tap on the wallet which you made the contribution.



5. Tap on the button "**Backup Keystore**"

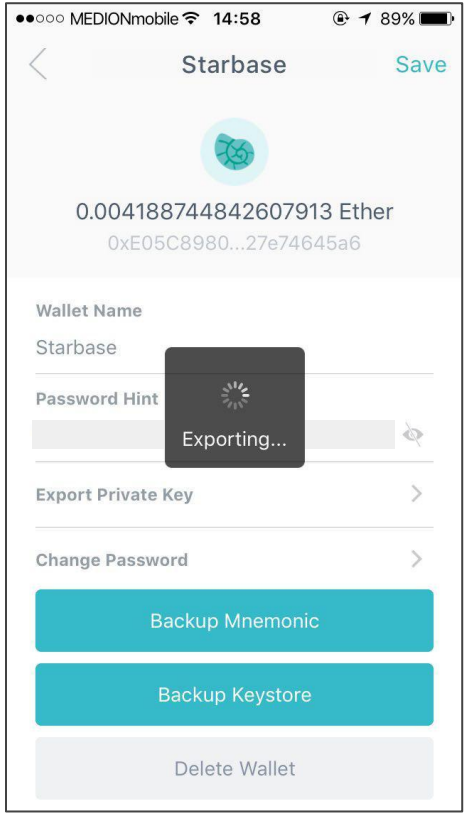


6. Input your password to unlock the address.

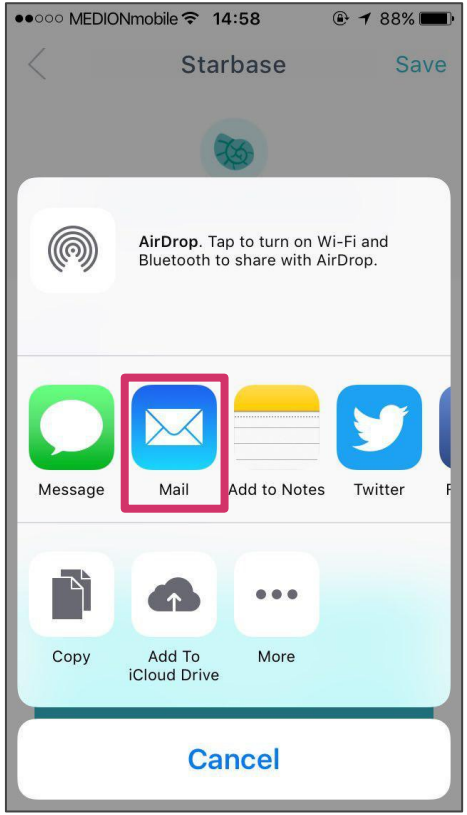


[imToken] Withdraw my STAR Tokens

7. Wait for the app done exporting.



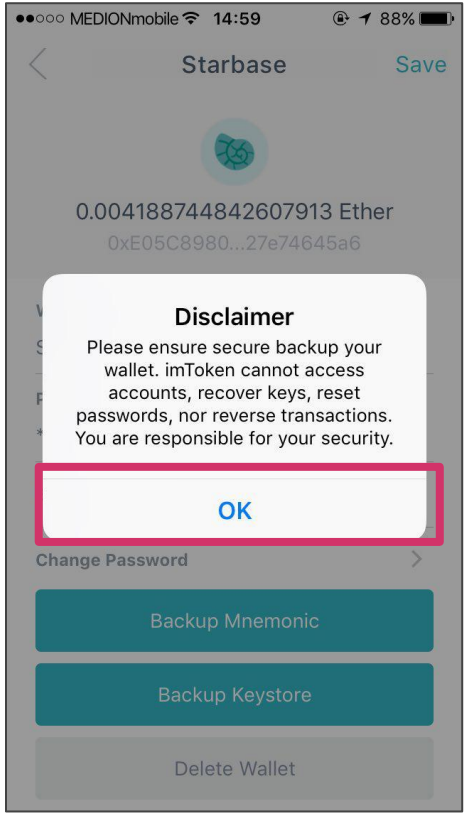
8. Select which means you prefer to save the keystore, in our case we will send the keystore as email.



9. Send the email to your preferable email account.

[imToken] Withdraw my STAR Tokens

10. Confirm the Disclaimer alert.
Now wait for you email arrive.



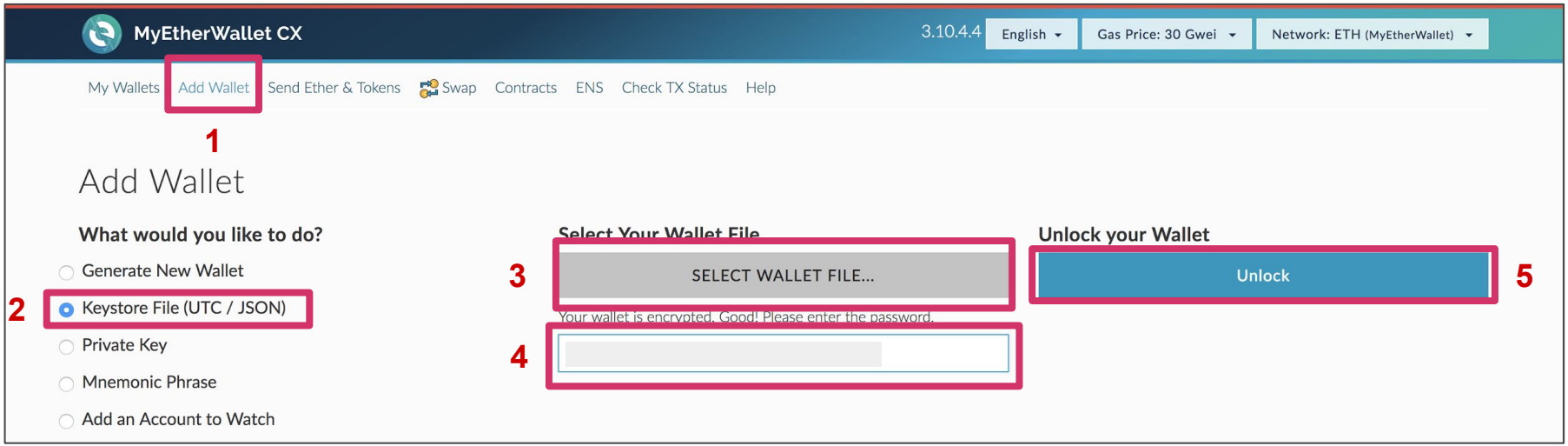
11. Open your email and copy the content.

12. Create a empty file in any text editor and paste the content there.

13. Save the file.

Now the export is over, we will do now is the importing your address to MyEtherWallet.

[imToken] Withdraw my STAR Tokens



1. Open your **MyEtherWallet** and click the button "**Add Wallet**"

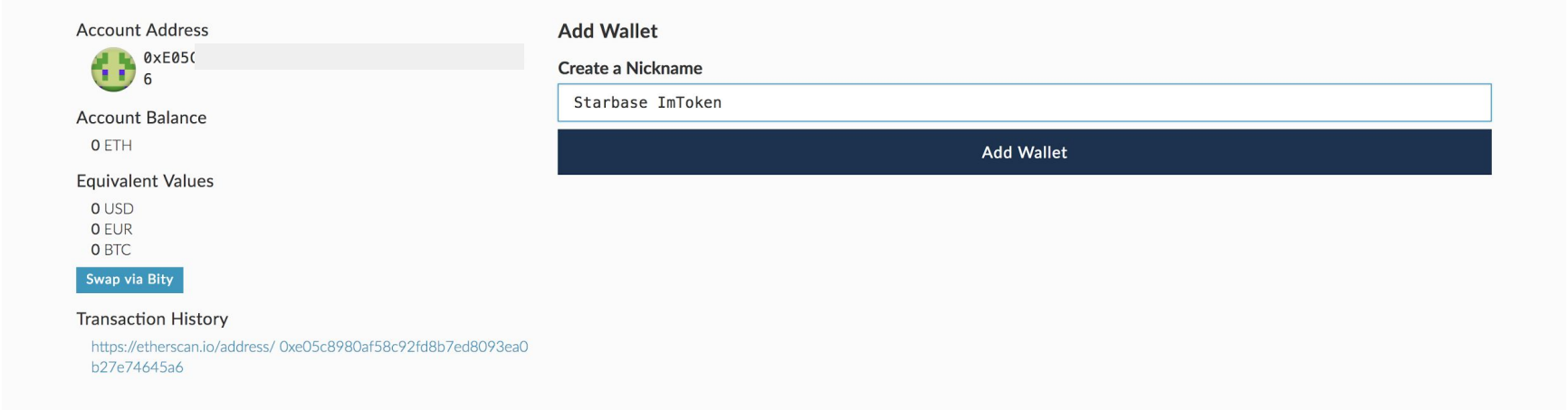
2. Select the option "**Keystore File (UTC / JSON)**"

3. Then click the button "**Select Wallet File**" and select your keystore file that you just created.

4. Type your password. Is the same password that you used on the imToken app.

5. Click the button "**Unlock**"

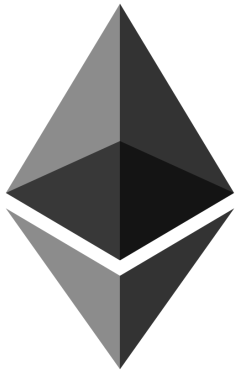
[imToken] Withdraw my STAR Tokens



6. Now just finish by giving a name for you wallet and click "**Add Wallet**"

Now you wallet is imported to the MyEtherWallet and you are ready to withdraw your Star Tokens for following the steps on the section "**How to withdraw my STAR Tokens using the MyEtherWallet (MEW)** " or following the video https://www.youtube.com/watch?v=DDFvmP88Hq4

How do I see My STAR Tokens?



https://github.com/ethereum/mist/releases

The Ethereum Wallet is a gateway to decentralized applications on the Ethereum blockchain. It allows you to hold and secure Ether (ETH) and other cryptocurrencies built on Ethereum, as well as write, deploy and use smart contracts.

I am using Ethereum Wallet (MIST)

https://www.myetherwallet.com/

MyEtherWallet is a free open-source tool for securely interacting with the Ethereum network. The following instructions will guide you step by step through setting up a MyEtherWallet and the purchase of STAR tokens.

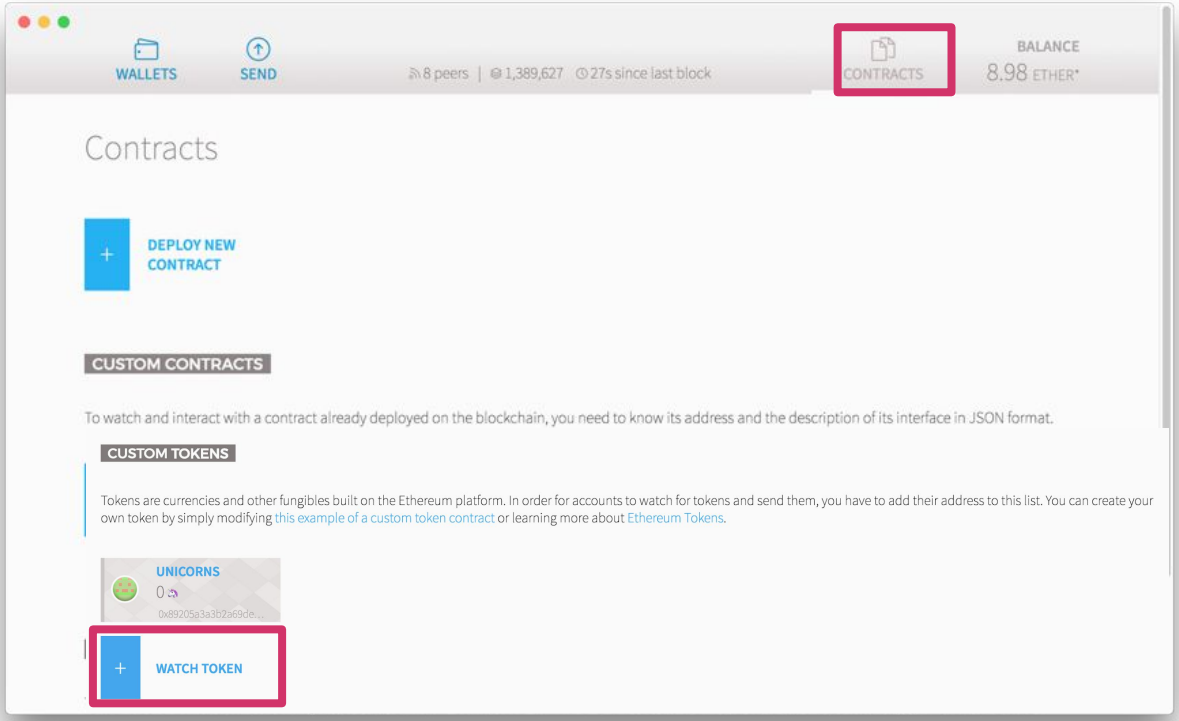
I am using MyEtherWallet

starbase

How to see your STAR Tokens using the Ethereum Wallet (MIST)

[Ethereum Wallet] See your STAR Tokens

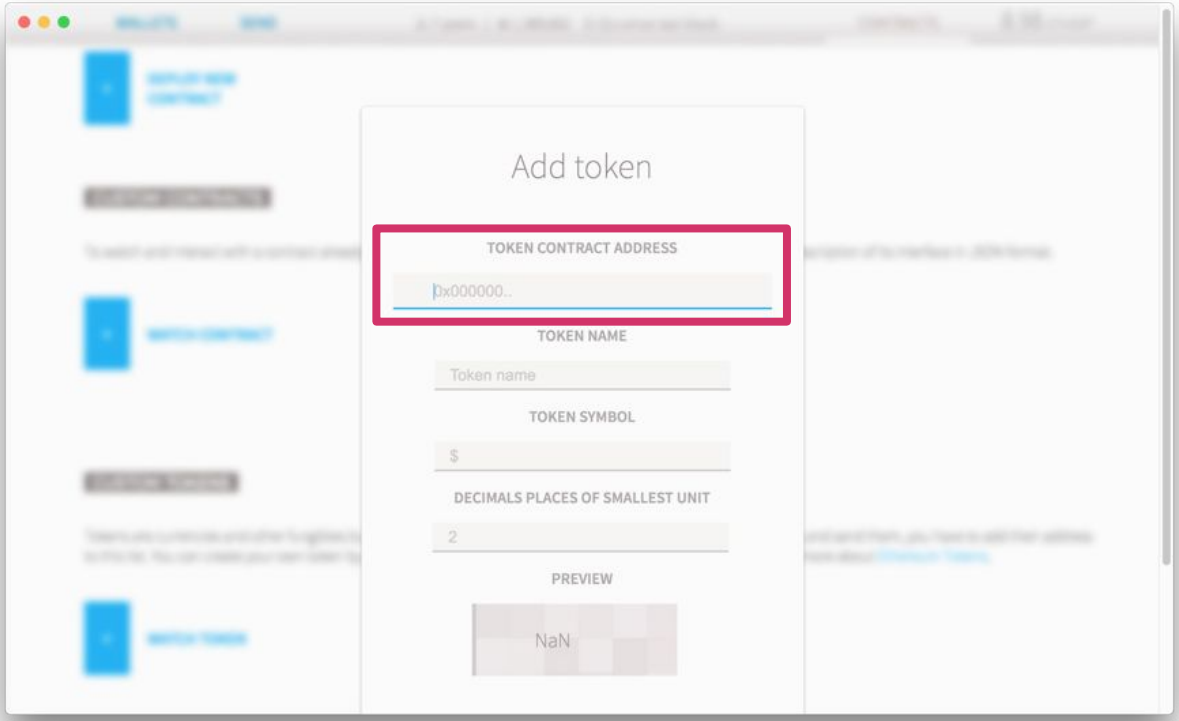
1. **Open your Ethereum Wallet**
2. **Click the “Contracts” tab**
3. **Click on the “Watch Token” button.**



[Ethereum Wallet] See your STAR Tokens

A new popup will open.

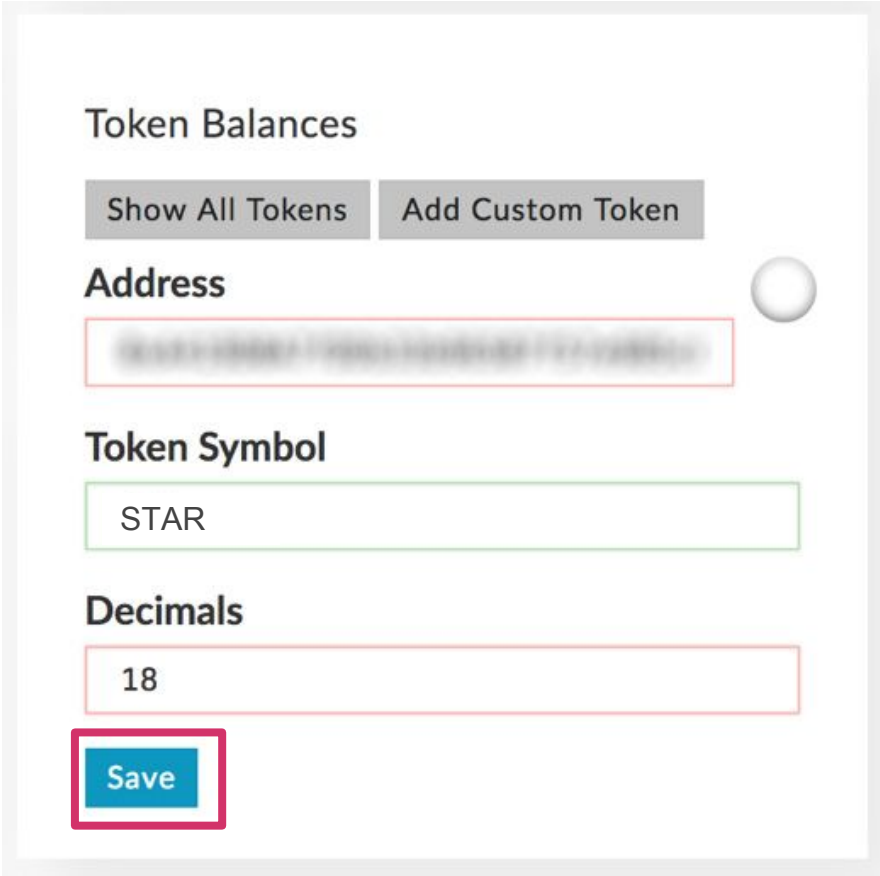
4. **Fill “Add Token” Form**
   a. In the “**Token Contract Address**” field fill the smart contract address: 0xf70a642bd387f94380ffb90451c2c81d4eb82cbc
5. **You should then see:**
   a. The “**Token Name**” field is “**STAR Token**”
   b. The “**Token Symbol**” field is “**STAR**”
   c. The “Decimals Places of Smallest Unit” field add “18”
6. **Click “OK”**
7. **You can now see your STX balance in your account.**



How to see your STAR Tokens using MyEtherWallet

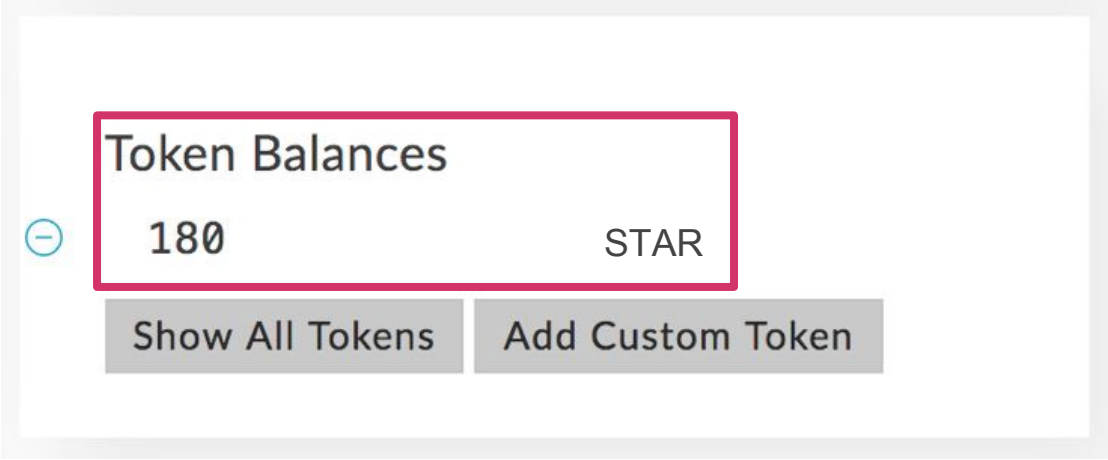
[MyEtherWallet] See your STAR Tokens

1. **Go to the “View Wallet Info” tab**
2. **unlock your account or just choose the “View with Address Only” method**
3. **Click on “Add Custom Token”:**
   - 3.1. In the “**Address**” field fill the smart contract address: 0xf70a642bd387f94380ffb90451c2c81d4eb82cbc
   - 3.2. In the “**Token Symbol**” field fill “**STAR**”.
   - 3.3. In the “**Decimals**” field fill “**18**”.
   - 3.4. Click “**Save**”.



[MyEtherWallet] See your STAR Tokens

4. **Finally, click “Show All Tokens” to see all the STAR you own.**

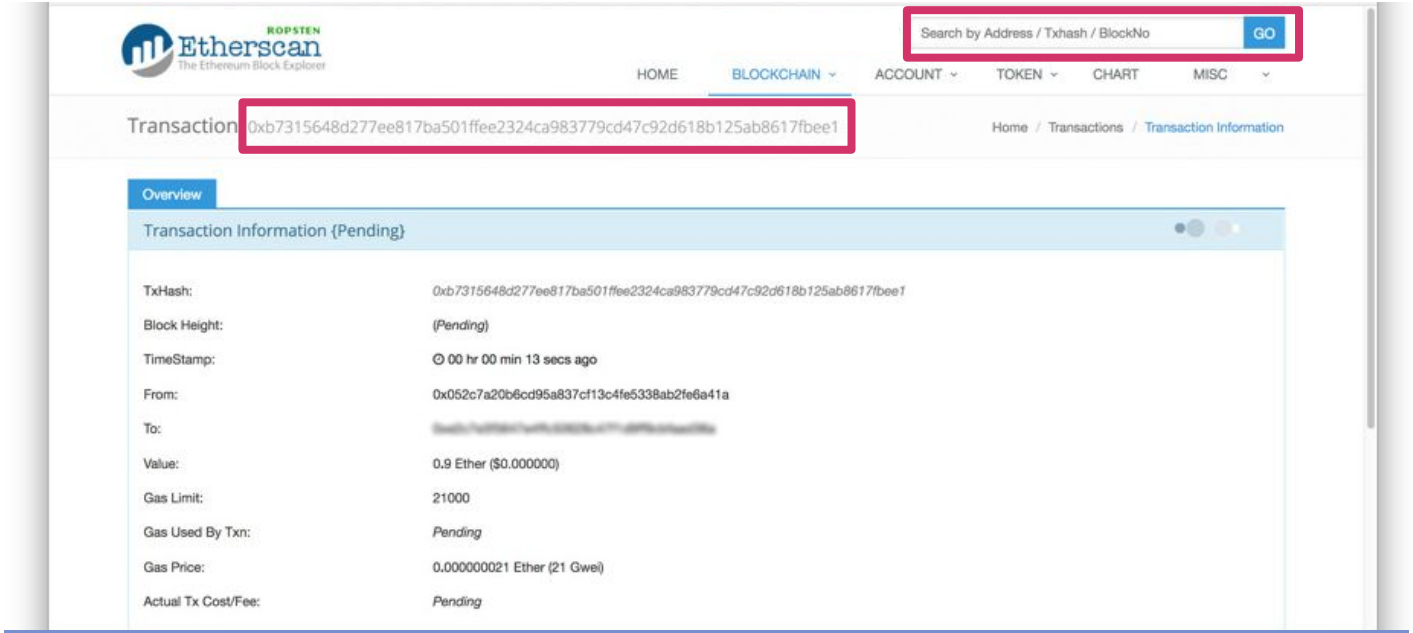


starbase

Etherscan

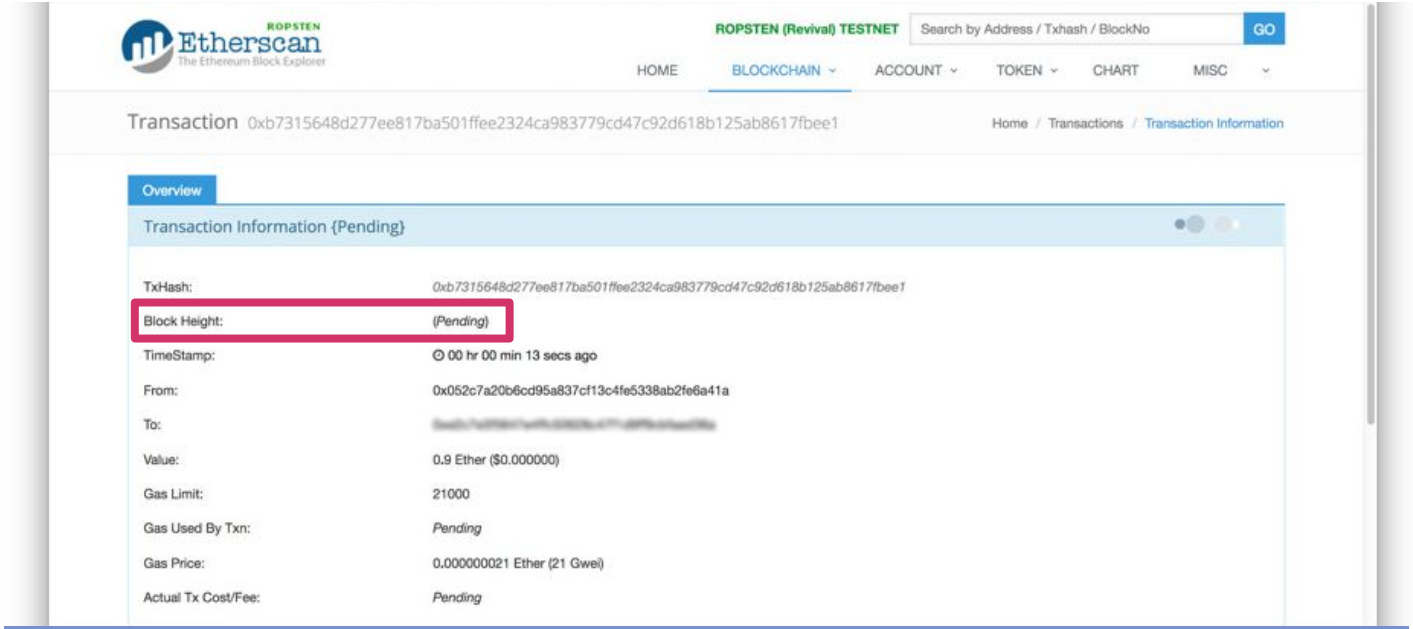
Alternatively, you can open your transaction in http://www.etherscan.io by searching for the hash of the transaction.

Etherscan



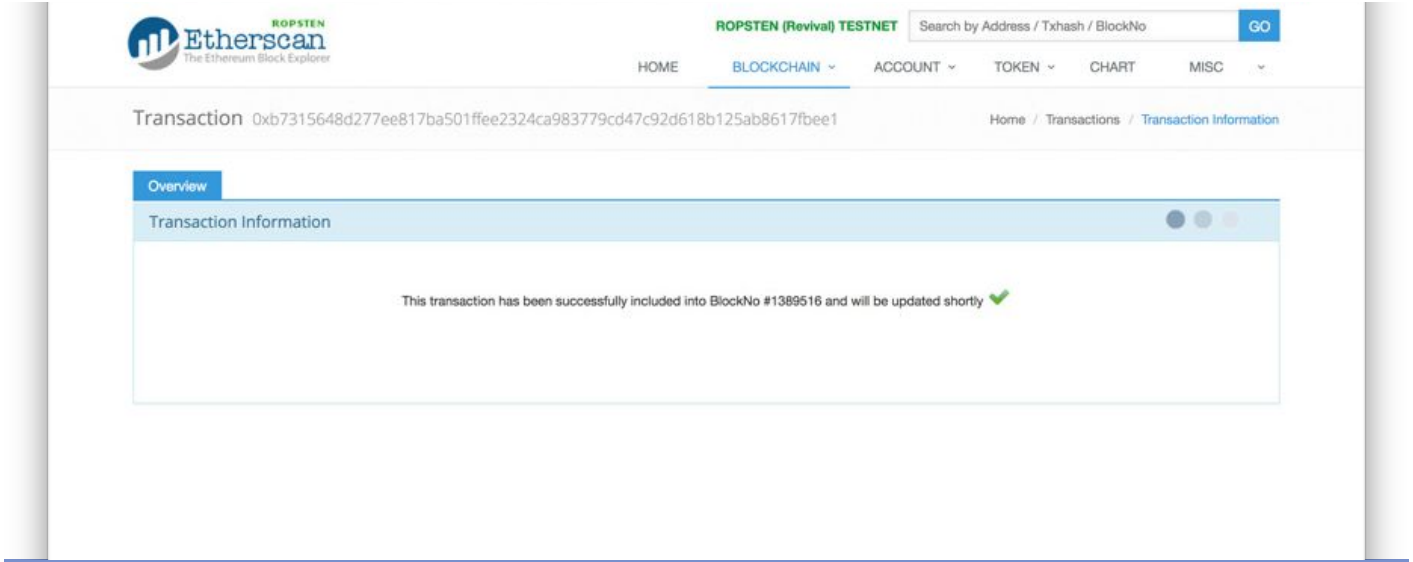
Search for the hash of the transaction.

Etherscan



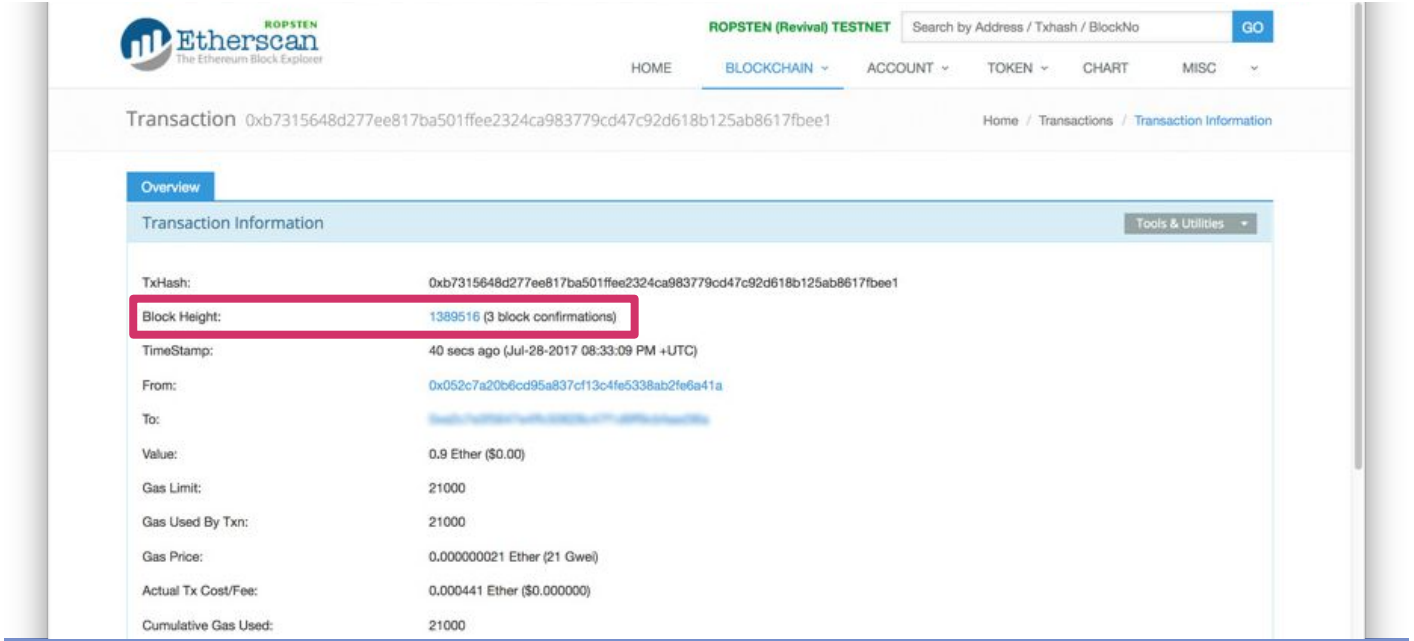
You should first see the transaction as “**pending**”.

Etherscan



After a couple of moments (depending on the Ethereum network performance), you'll see the transaction as "**submitted**".

Etherscan



And a couple of moments afterwards as “**confirmed**”.