

# MLN Token Migration Instructions

The new MLN token must be actively claimed by current MLN holders. If your MLN tokens are held on a centralized exchange, there is no action to take.

In order to obtain the new MLN tokens, you will need to do each of the steps in this two-part instruction guide.

The first part guides you through approving your MLN tokens (quantity) with the migration contract. This will allow the migration contract to transfer your MLN tokens on your behalf.

The second part guides you through sending the transaction that will swap your old MLN token into brand new MLN tokens.

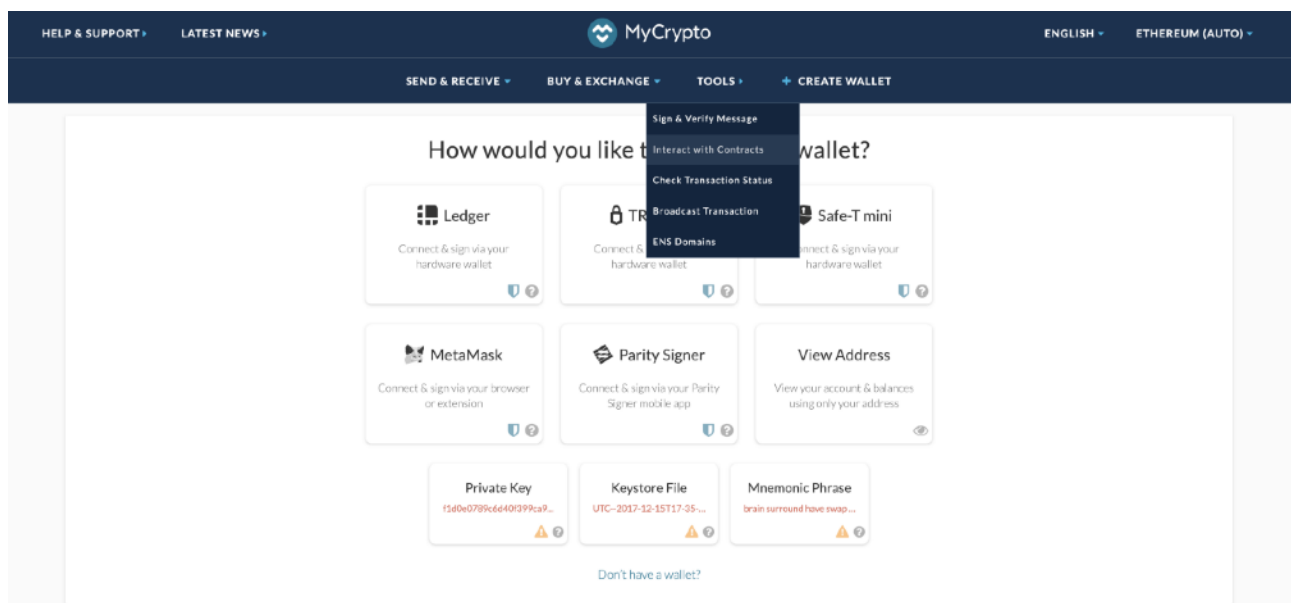
After completing both steps, you should see your account holding a 0 balance in the original MLN token and the exact same original quantity of the new MLN token (assuming you are migrating your full balance of MLN tokens).

Estimated time: If you follow **exactly** the steps of this guide, you should be done within 10 min (assuming normal Ethereum network conditions).

First things first, go to: <https://mycrypto.com/account>

## PART I : Calling the approve() function on the MLN contract

### Step 1: Go to the "Tools" | "Interact with Contracts" section of MyCrypto



**Step 2: Fill in contract informations of the "old" MLN token then click "Access"**

**Contract Address: 0xBEB9eF514a379B997e0798FDcC901Ee474B6D9A1**

ABI: <http://api.etherscan.io/api?module=contract&action=getabi&address=0xBEB9eF514a379B997e0798FDcC901Ee474B6D9A1&format=raw>

Press Ctrl-A to highlight all text, copy and paste the contents into the "ABI / JSON Interface" area. Click "Access".

**Step 3: Select the function approve under the "Read/Write Contract" section, fill in spender and value.**

**Spender address (migration contract):**

**0x3c75d37b579e0e4896f02c0122baa4de05383a6a**

Fill in the **“value:uint256”** field with the amount of tokens your address holds. This is the quantity of MLN tokens for which you are approving transfer by the migration contract. You should approve the **entire quantity of MLN** tokens held on the current address.

**ATTENTION!** Make sure that you filled in the **“value:uint256”** field, and **not** the **“Value”** field seen further below. Failure to do this will result in loss of ETH. **The “Value” field needs to be left empty.**

If you are using Metamask, you may not see the precise quantity of MLN tokens, but a rounded figure. You can confirm the **precise quantity** held by your address on known ethereum explorers like [etherscan.io](https://etherscan.io).

If your address holds 10 MLN tokens, you will fill in:

1000000000000000000

( $10 * 10^{18}$  or your number followed by eighteen “0”).

If your address holds 112.123456789 MLN tokens, you will fill in:


112123456789000000000

If your address holds 0.987654321 MLN tokens, you will fill in:

987654321000000000

Select a contract

0xBEB9eF514a379B997e0798FDcC901Ee474B6D9A1



ABI / JSON Interface

```
[{"name": "recipient", "type": "address"}, {"name": "unlockBalance", "outputs": [], "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": true, "inputs": [{"name": "melonport", "outputs": [{"name": "", "type": "address"}], "payable": false, "type": "function"}, {"constant": true, "inputs": [{"name": "THAWING_DURATION", "outputs": [{"name": "", "type": "uint256"}], "payable": false, "type": "function"}, {"inputs": [{"name": "setMinter", "type": "address"}, {"name": "setMelonport", "type": "address"}, {"name": "setStartTime", "type": "uint256"}, {"name": "setEndTime", "type": "uint256"}], "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"}]
```

Access

Read / Write Contract

0xBEB9eF514a379B997e0798FDcC901Ee474B6D9A1

approve

\_spender address

0x3c75d37b579e0e4896f02c0122baa4de05383a6a

\_value uint256

1000000000000000000

↳ success bool

### Step 4: Select your preferred login method.

value uint256

10000000000000000000

bool

How would you like to access your wallet?

Ledger

Connect & sign via your hardware wallet

TREZOR

Connect & sign via your hardware wallet

Safe-T mini

Connect & sign via your hardware wallet

MetaMask

Connect & sign via your browser or extension

Parity Signer

Connect & sign via your Parity Signer mobile app

View Address

View your account & balances using only your address

Private Key

f1d0x0789c6d0f399ca9...

Keystore File

UTC~2017-12-15T17:35...

Mnemonic Phrase


brain surround have swap ...

**Step 5: Adjust gas price if necessary and click "Write", then "Generate transaction" and then "Send transaction". Then confirm the transaction with your chosen method (Metamask, Ledger etc.).**

☒ Automatically Calculate Gas Limit

Gas Price (gwei)

Gas Limit

Nonce 

20

21000

1197


2000000000 \* 21000 = 0.00042 ETH ~\$ 0.00 USD

WRITE

☒ Automatically Calculate Gas Limit

Gas Price (gwei)

Gas Limit

Nonce 

20

45611

1197

2000000000 \* 45611 = 0.000912 ETH ~\$ 0.00 USD

Generate Transaction

Send Transaction

After having sent your transaction you can click on the “Verify Etherscan” button in the green banner.

👍 Your TX has been broadcast to the network. It is waiting to be mined & confirmed. During ICOs it may take 3+ hours to confirm. Use the [Verify & Check](#) buttons below to see. TX Hash: `0xac7867ef0ed028edf9bbc9018642af14cab209c9e10e315e4720b23b4acfe0c`

[Verify \(Etherscan\)](#) [Verify \(Ethereum\)](#) [Check TX Status](#)

On Etherscan, wait until you see your transaction with the status "Success" in green:

**Etherscan** - Sponsored slots available. [Book your slot here!](#)

[illegible]

## PART II: Calling the transmute() function on the migration contract

After Part I, please reload <https://mycrypto.com/account>

### Step 1: Go to the "Tools" | "Interact with Contracts" section of MyCrypto

How would you like to interact with your wallet?

Sign & Verify Message  
Interact with Contracts  
Check Transaction Status  
Broadcast Transaction  
ENS Domains

Ledger  
Connect & sign via your hardware wallet

MetaMask  
Connect & sign via your browser or extension

Parity Signer  
Connect & sign via your Parity Signer mobile app

Private Key  
15d0e0789c6640939ca9...

Keystore File  
UTC-2017-12-15T17-35...

Mnemonic Phrase  
brain surround have swap...

Safe-T mini  
Connect & sign via your hardware wallet

View Address  
View your account & balances using only your address

Don't have a wallet?

Interact Deploy

Select Existing Contract  
Custom

Contract Address  
ensdomain.eth or 0x4bbeEB066eD0987AE07bF39EE0460Dfa261520

ABI / JSON Interface  
[[{"type": "constructor", "inputs": [{"name": "param1", "type": "uint256", "indexed": true}], "name": "Event"}, {"type": "function", "inputs": [{"name": "a", "type": "uint256"}], "name": "foo", "outputs": []}]

Access

**Step 2: Fill in contract informations of the Alchemist migration contract then click "Access"**

**Contract Address: 0x3c75d37b579e0e4896f02c0122baa4de05383a6a**

ABI: <http://api.etherscan.io/api?module=contract&action=getabi&address=0x805843239516234361992e2c9898df5bae48f43c&format=raw>

SEND & RECEIVE
BUY & EXCHANGE
TOOLS
+ CREATE WALLET

Interact
Deploy

Select Existing Contract
Contract Address

Select a contract

0x3c75d37b579e0e4896f02c0122baa4de05383a6a

ABI / JSON Interface

```

[{"constant":false,"inputs":[{"name":"_mass","type":"uint256"}],"name":"transmute","outputs":[],"payable":false,"stateMutability":"nonpayable","type":"function"},{"constant":true,"inputs":[{"name":"GOLD","outputs":[{"name":"","type":"address"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[{"name":"LEAD","outputs":[{"name":"","type":"address"}],"payable":false,"stateMutability":"view","type":"function"},{"inputs":[{"name":"_lead","type":"address"}, {"name":"_gold","type":"address"}],"payable":false,"stateMutability":"nonpayable","type":"constructor"}]

```

Access

**Step 3: Select the function transmute under the “Read/Write Contract” section, and fill in the “\_mass uint256” field**

As above, fill in the field “\_mass uint256” with the amount of tokens your address holds: if I hold 10 MLN tokens, I will fill in 1000000000000000000 (10 \* 10<sup>18</sup> or your number followed by eighteen “0”). This should be the same amount as in PART I Step 3.

Interact
Deploy

Select Existing Contract
Contract Address

Select a contract

0x3c75d37b579e0e4896f02c0122baa4de05383a6a

ABI / JSON Interface

```

[{"constant":false,"inputs":[{"name":"_mass","type":"uint256"}],"name":"transmute","outputs":[],"payable":false,"stateMutability":"nonpayable","type":"function"},{"constant":true,"inputs":[{"name":"GOLD","outputs":[{"name":"","type":"address"}],"payable":false,"stateMutability":"view","type":"function"},{"constant":true,"inputs":[{"name":"LEAD","outputs":[{"name":"","type":"address"}],"payable":false,"stateMutability":"view","type":"function"},{"inputs":[{"name":"_lead","type":"address"}, {"name":"_gold","type":"address"}],"payable":false,"stateMutability":"nonpayable","type":"constructor"}]

```

Access

Read / Write Contract

0x3c75d37b579e0e4896f02c0122baa4de05383a6a

transmute

\_mass uint256

1000000000000000000

**ATTENTION!:** Make sure in the previous step you filled in the “\_mass uint256” field, and not the “Value” field seen further below. Failure to do this will result in loss of ETH. **The “Value” field needs to be left empty.**

**Step 4: Select your preferred login method.**

value uint256

1000000000000000000

↳ bool

### How would you like to access your wallet?

 Ledger

Connect & sign via your hardware wallet



 TREZOR

Connect & sign via your hardware wallet



 Safe-T mini

Connect & sign via your hardware wallet



 MetaMask

Connect & sign via your browser or extension



 Parity Signer

Connect & sign via your Parity Signer mobile app



View Address

View your account & balances using only your address



Private Key

11d0e0789e640f399ca9...



Keystore File

UTC--2017-12-15T17:35...



Mnemonic Phrase

brain surround have swap...



**Step 5: Untick the "Automatically calculate gas limit" box. Adjust gas LIMIT (not gas price!) to 100,000.**

If you want to prevent the transaction from running out of gas, you can set a very high gas limit like 100,000. The transaction will go through and only use what is really needed (way below 100,000).

Access

Read / Write Contract

0x805843239516234361992e2C9898df5baE48f43C

transmute



\_mass uint256

1000000000000000000

Value

☐ Automatically Calculate Gas Limit

Gas Price (gwei)

20

Gas Limit

100000

Nonce 

24



2000000000 \* 100000 = 0.002 ETH → \$0.23 USD

WRITE



You will need to confirm these actions in the wallet access method you selected above.

After having sent your transaction you can click on the "Verify Etherscan" button in the green banner.



When this transaction is confirmed, you should be able to verify that you now have a 0 balance of old MLN tokens and your correct quantity (used above) of new MLN tokens.

You can go to this page: <https://etherscan.io/token/0xec67005c4e498ec7f55e092bd1d35cbc47c91892#readContract>

and fill in your wallet address under the 'balanceOf' section. You should see the amount of new MLN tokens you own (ie the number of tokens you migrated).

Congratulations and thank you!