

# INT Web Wallet Guide

2018.11

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## Preface

The link of INT Web Wallet is <https://wallet.intchain.io>. The following is a guide on how to use the Web wallet.

### Brief Introduction:

Homepage includes: create new wallets, view wallet information, mapping, sending INT, vote(mortgage, vote, unmortgage). For any questions, please email us to the official email address: [intwallet@intchain.io](mailto:intwallet@intchain.io)

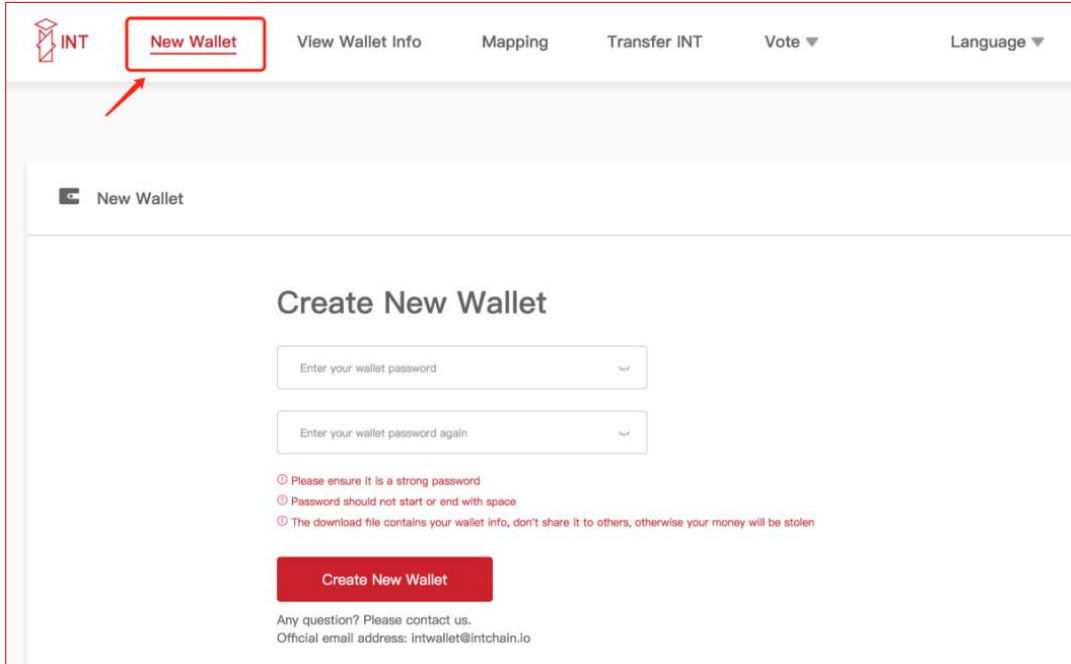
### Note:

1. Only after the user successfully creates the INT new wallet, and maps INT Erc20 token to the INT Chain can the INT be transferred, mortgaged, voted and unmortgaged;
2. The mapping requires a very small amount of ETH. Please make sure that the ETH wallet address used for mapping contains enough ETH. Transferring INT, mortgaging INT, voting and unmortgaging INT, all require a small amount of INT as a gas fee. If it fails, please increase your Gas price or Gas limit with enough token in wallet address.
3. There are two ways to unlock the wallet each time:
  - Keystore + wallet password
  - Enter the private key
4. Every time you unlock your wallet, you will need to log in again. In fact, Keystore + Wallet Password = Enter the private key.
5. Keystore and Keystore passwords ensure that you have the right to operate the wallet assets, both of which are indispensable for safekeeping; private keys (the highest authority, all rights to operate the assets of the wallet) must not be lost or inform others, Otherwise, you will lose the ownership of the wallet, resulting in the risk of theft or loss of assets.

**This guide will briefly describe how to create a new wallet, view wallet information, map, transfer INT, vote (mortgage, vote, unmortgage) INT.**

# I. Create new wallet

## 1. Click on new wallet in the navigation bar.



INT **New Wallet** View Wallet Info Mapping Transfer INT Vote ▼ Language ▼

New Wallet

### Create New Wallet

Enter your wallet password

Enter your wallet password again

- ⓘ Please ensure it is a strong password
- ⓘ Password should not start or end with space
- ⓘ The download file contains your wallet info, don't share it to others, otherwise your money will be stolen

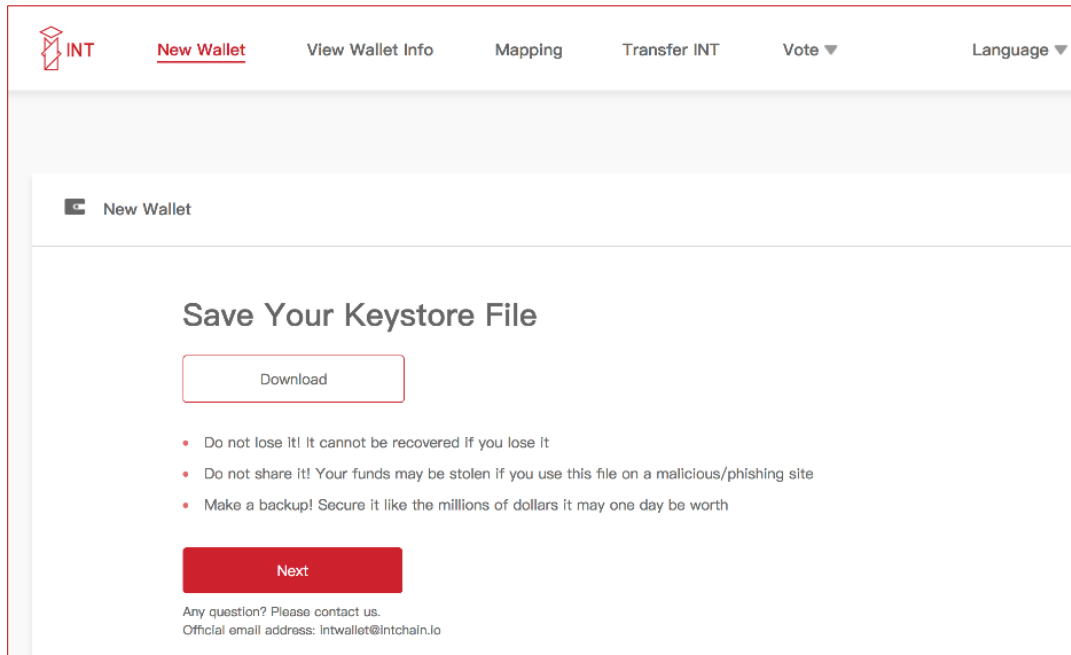
**Create New Wallet**

Any question? Please contact us.  
Official email address: intwallet@intchain.io

## 2. Enter your wallet password

Password should not start or end with space, at least 9 characters or more.

## 3. Download your Keystore File



INT **New Wallet** View Wallet Info Mapping Transfer INT Vote ▼ Language ▼

New Wallet

### Save Your Keystore File

Download

- Do not lose it! It cannot be recovered if you lose it
- Do not share it! Your funds may be stolen if you use this file on a malicious/phishing site
- Make a backup! Secure it like the millions of dollars it may one day be worth

**Next**

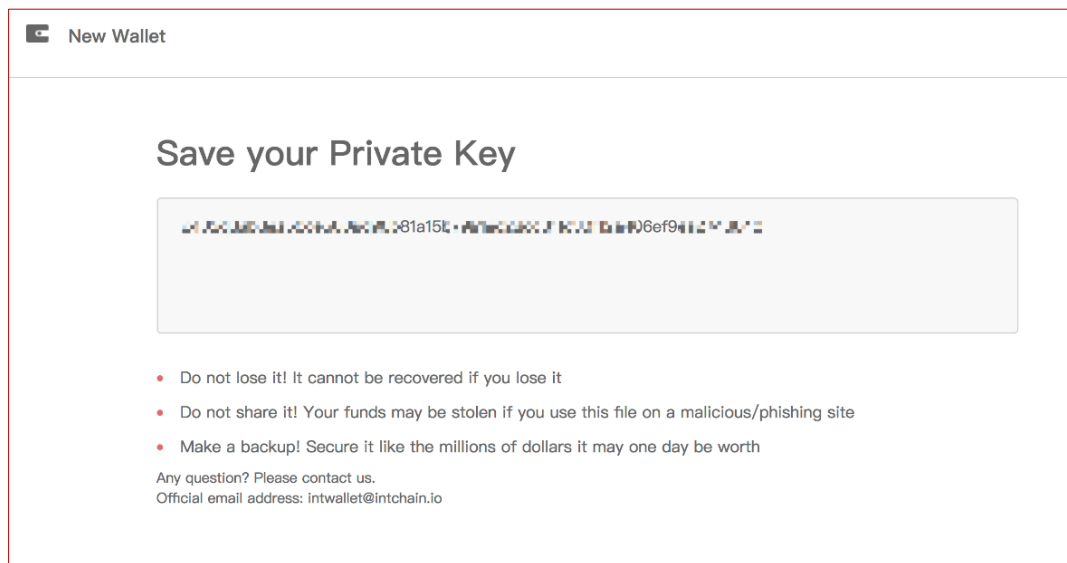
Any question? Please contact us.  
Official email address: intwallet@intchain.io

Please keep the Keystore file and password in a safe place. It cannot be recovered if you lose it.

#### 4. Click on the Next.

#### 5. Save your 64-character private key (consisting of letters and numbers)

The private key gives you the highest authority to operate the wallet, and it can help modify and reset password or generate a new Keystore!



#### 6. The wallet is successfully created.

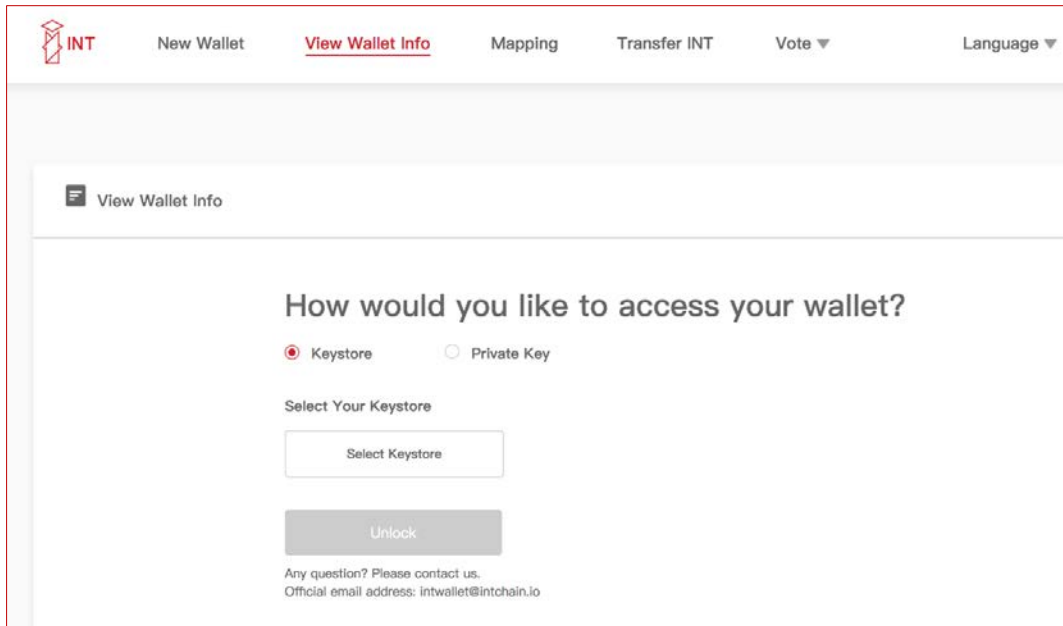
## II. View wallet information

#### 1. Click on view wallet info in the navigation bar.

#### 2. Unlock the wallet (the following are two ways to log in)

##### ■ Select Keystore

1) Click on Select Keystore to import the saved keystore file.



INT New Wallet View Wallet Info Mapping Transfer INT Vote ▼ Language ▼

View Wallet Info

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

☒ Keystore ☐ Private Key

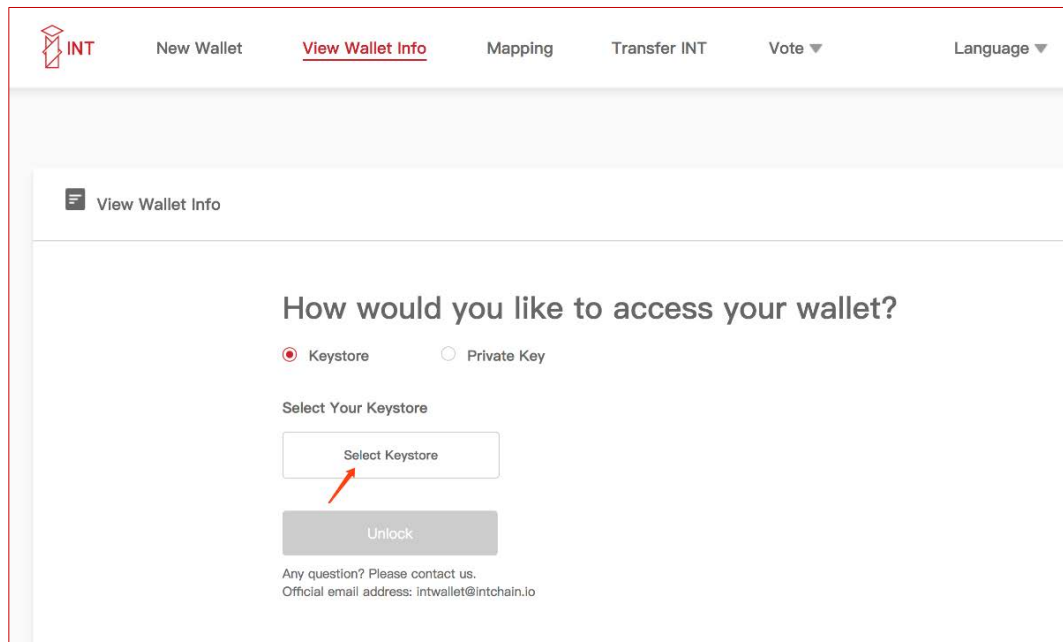
Select Your Keystore

Select Keystore

Unlock

Any question? Please contact us.  
Official email address: intwallet@intchain.io

## 2) Enter Keystore password



INT New Wallet View Wallet Info Mapping Transfer INT Vote ▼ Language ▼

View Wallet Info

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

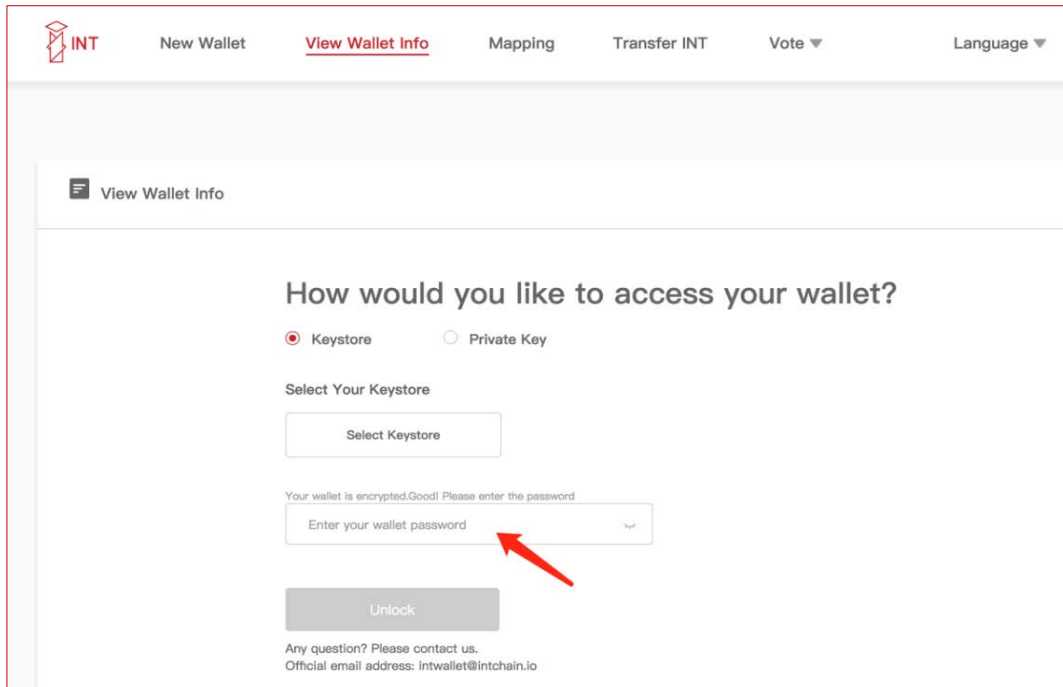
☒ Keystore ☐ Private Key

Select Your Keystore

Select Keystore

Unlock

Any question? Please contact us.  
Official email address: intwallet@intchain.io



INT New Wallet View Wallet Info Mapping Transfer INT Vote Language

View Wallet Info

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

☒ Keystore ☐ Private Key

Select Your Keystore

Select Keystore

Your wallet is encrypted.Good! Please enter the password

Enter your wallet password

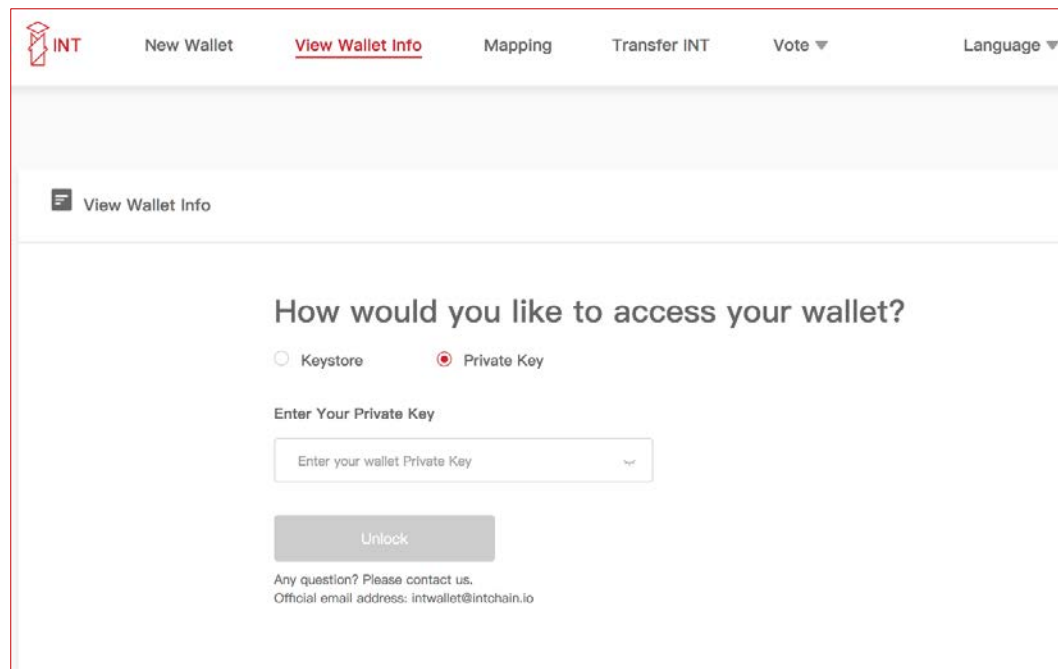
Unlock

Any question? Please contact us.  
Official email address: intwallet@intchain.io

3) Unlock the wallet

## ■ Select private key

1) Click on Private Key



INT New Wallet View Wallet Info Mapping Transfer INT Vote Language

View Wallet Info

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

☐ Keystore ☒ Private Key

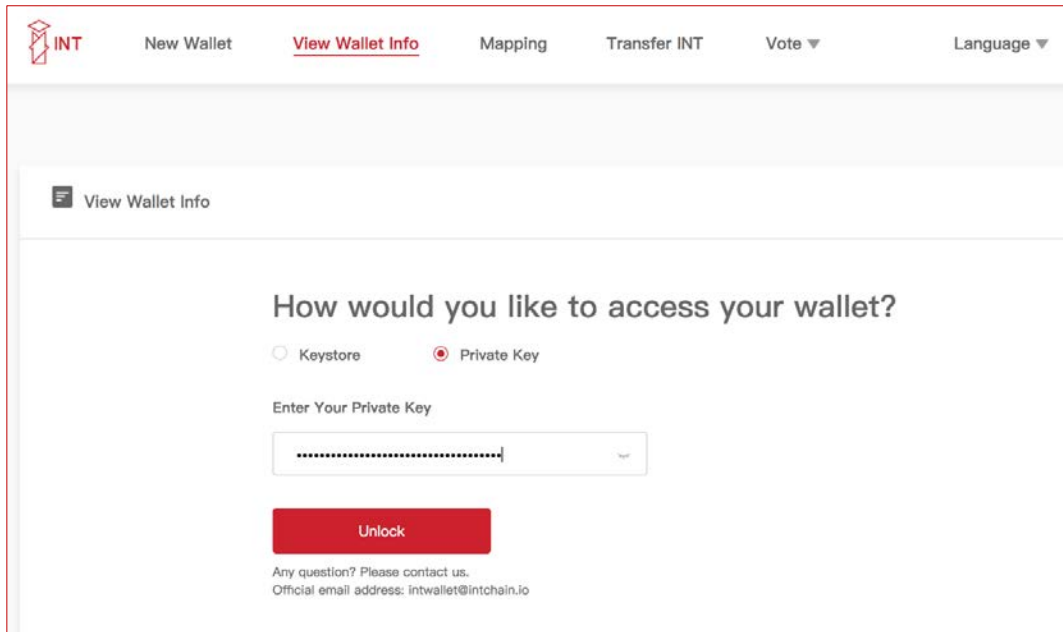
Enter Your Private Key

Enter your wallet Private Key

Unlock

Any question? Please contact us.  
Official email address: intwallet@intchain.io

2) Enter your private key



INT New Wallet View Wallet Info Mapping Transfer INT Vote Language

View Wallet Info

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

☐ Keystore ☒ Private Key

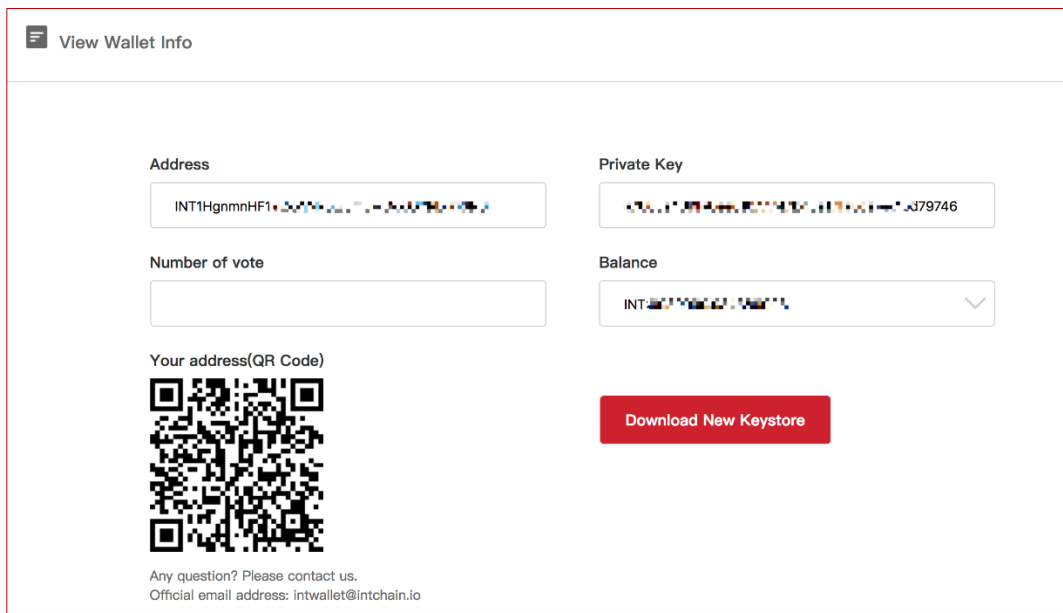
Enter Your Private Key

.....

Unlock

Any question? Please contact us.  
Official email address: intwallet@intchain.io

### 3) Unlock the wallet



View Wallet Info


Address: INT1HgnmnHF1.....

Private Key: .....xj79746

Number of vote:

Balance: INT.....

Your address(QR Code)



Download New Keystore

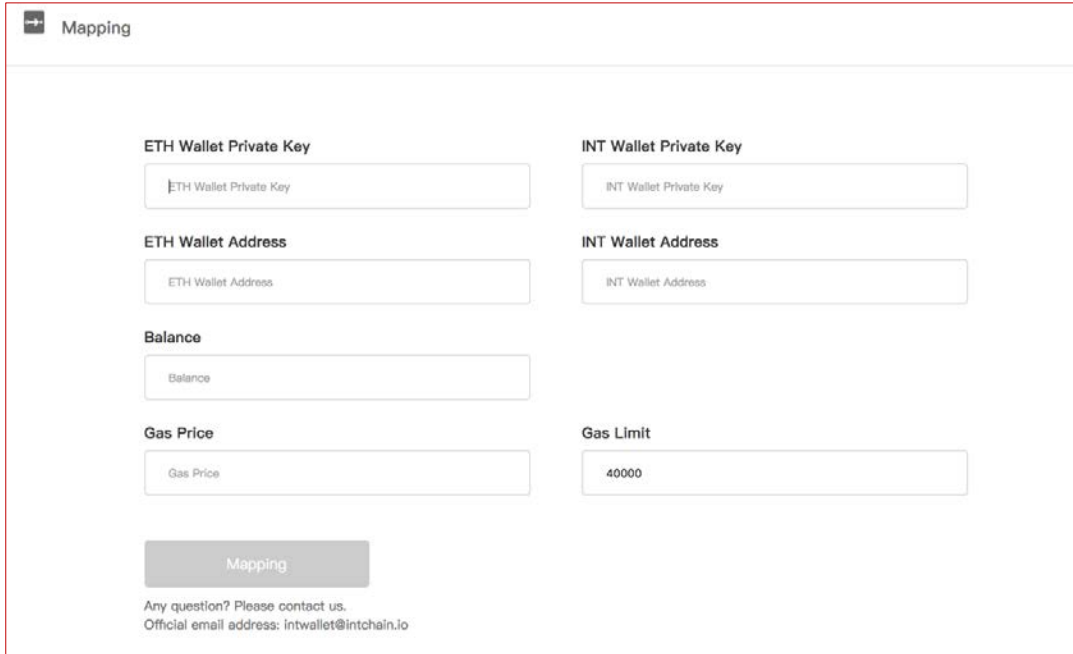
Any question? Please contact us.  
Official email address: intwallet@intchain.io

3. Please ensure that the private key has been backed up.
4. If the previous Keystore file and password are lost, you can download the new keystore file and password.



### III. Mapping (Transfer INT as ERC20 token to INT mainnet token)

1. Click on Mapping in the navigation bar.



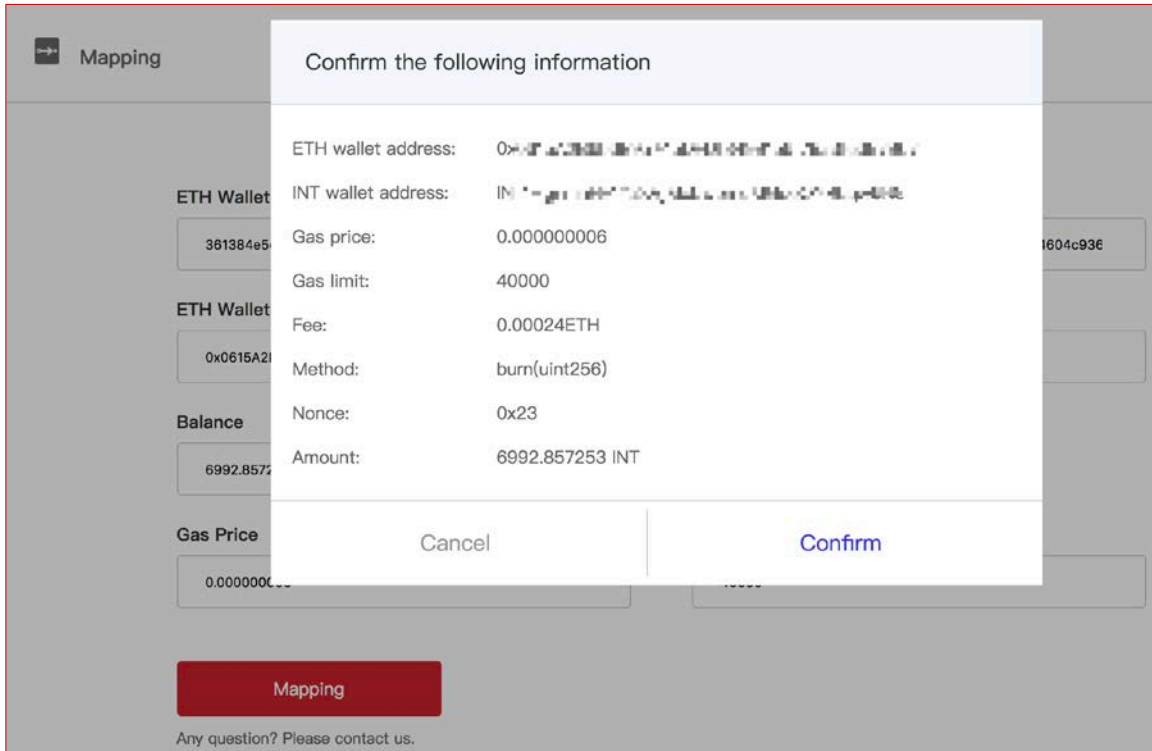
The screenshot shows a web interface titled "Mapping". It contains several input fields arranged in two columns. The left column has fields for "ETH Wallet Private Key", "ETH Wallet Address", "Balance", and "Gas Price". The right column has fields for "INT Wallet Private Key", "INT Wallet Address", and "Gas Limit". The "Gas Limit" field is pre-filled with the value "40000". Below the input fields is a grey button labeled "Mapping". At the bottom, there is a small text block that reads: "Any question? Please contact us. Official email address: intwallet@intchain.io".

2. Enter the private key of ETH wallet that needs to be mapped. The ETH wallet address and INT balance will be displayed automatically.

3. Enter the private key of INT mainnet wallet that has been created (the wallet address will be displayed automatically).

4. The mapping requires a very small amount of ETH as gas fee. Please make sure that the ETH wallet address used for mapping contains enough ETH. The gas price and limit can be modified as needed.

5. Click on mapping.

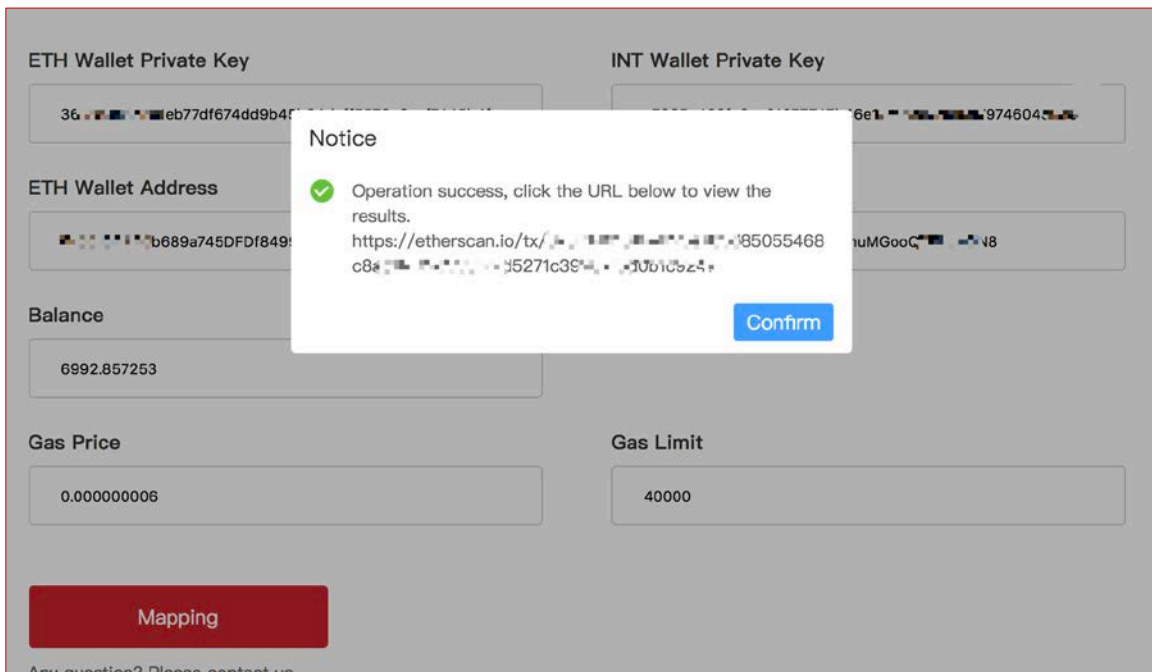


The screenshot shows a web interface titled "Mapping". A modal dialog box is open in the center, titled "Confirm the following information". The dialog contains the following details:

- ETH wallet address: 0x...
- INT wallet address: IN ...
- Gas price: 0.000000006
- Gas limit: 40000
- Fee: 0.00024ETH
- Method: burn(uint256)
- Nonce: 0x23
- Amount: 6992.857253 INT

At the bottom of the dialog are two buttons: "Cancel" and "Confirm". The background interface shows fields for "ETH Wallet", "Balance", and "Gas Price".

6. Please confirm the above information: Cancel if there is an error; Confirm if it is correct.



The screenshot shows the same "Mapping" interface, but now a "Notice" dialog box is open. The notice contains a green checkmark icon and the following text:

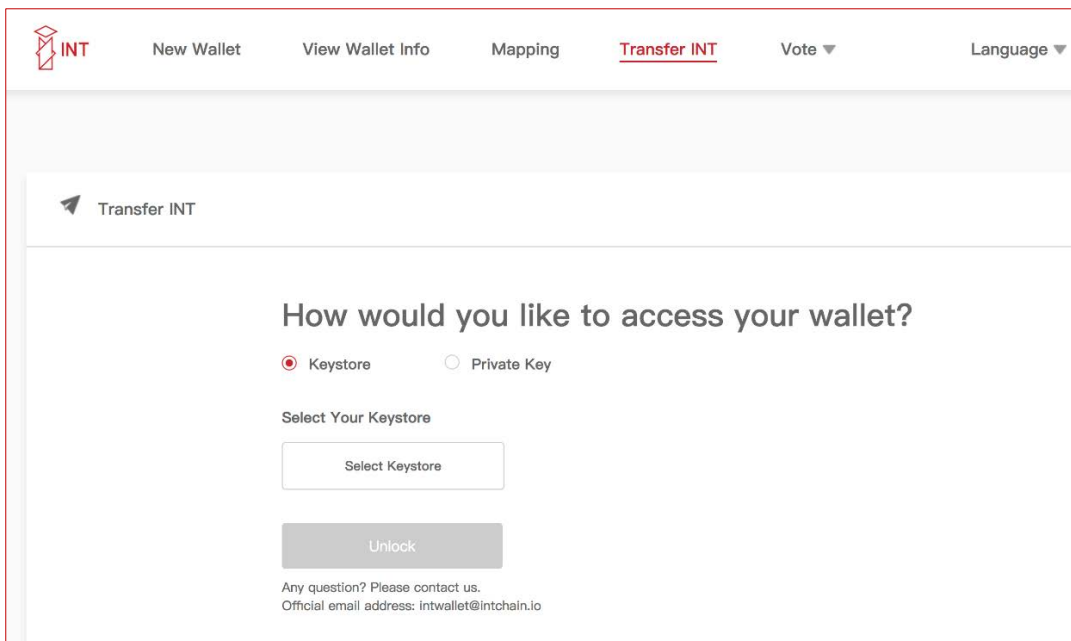
Operation success, click the URL below to view the results.  
<https://etherscan.io/tx/0x...>  
 c8...

At the bottom of the notice dialog is a blue "Confirm" button. The background interface shows fields for "ETH Wallet Private Key", "ETH Wallet Address", "Balance", "Gas Price", and "Gas Limit".

7. This page shows “operate successfully”, and you can click on the URL to check whether the mapping is successful. Under normal circumstances, all can be successful. Or check whether there is the same amount of INT in the mapped INT wallet address after the token swap.

## IV. Transfer INT

1. Unlock the wallet by either Keystore or Private Key.



2. After confirming the transfer and transfer to INT’s wallet addresses, balance amount and other information, click on generate transaction.(The system default gas limit and price can be modified as needed)

Transfer INT

From address

INT1Hgmm

To address

INT19Sxik

Gas Limit

39000

Confirm the following information

Method:

transferTo

Amount:

2323113 INT

Gas limit:

39000

Gas price:

0.0000002

Fee:

0.0078 INT

Input:

["to": "INT19Sxik", "amount": 2323113, "gas": 39000, "gasPrice": 0.0000002, "fee": 0.0078, "nonce": 2}]

Nonce:

2

Cancel

Confirm

Generate transaction

Any question? Please contact us.  
Official email address: intwallet@intchain.io

3. Please confirm the above information:Cancel if there is an error;Confirm if it is correct.

Transfer INT

From address

INT19Sx1ki...msayyrBfXj

To address

INT19Sx1ki...msayyrBfXj

Gas Limit

39000

Gas Price

0.0000002

Generate transaction

Notice

✔ Operation success, click the URL below to view the results.  
<https://explorer.intchain.io/#/blockchain/txdetail?hash=418124...87...24b2...62>

Confirm

4. This page shows “operate successfully”, you can click on URL to check whether to transfer INT successfully. Under normal circumstances, all can be successful.

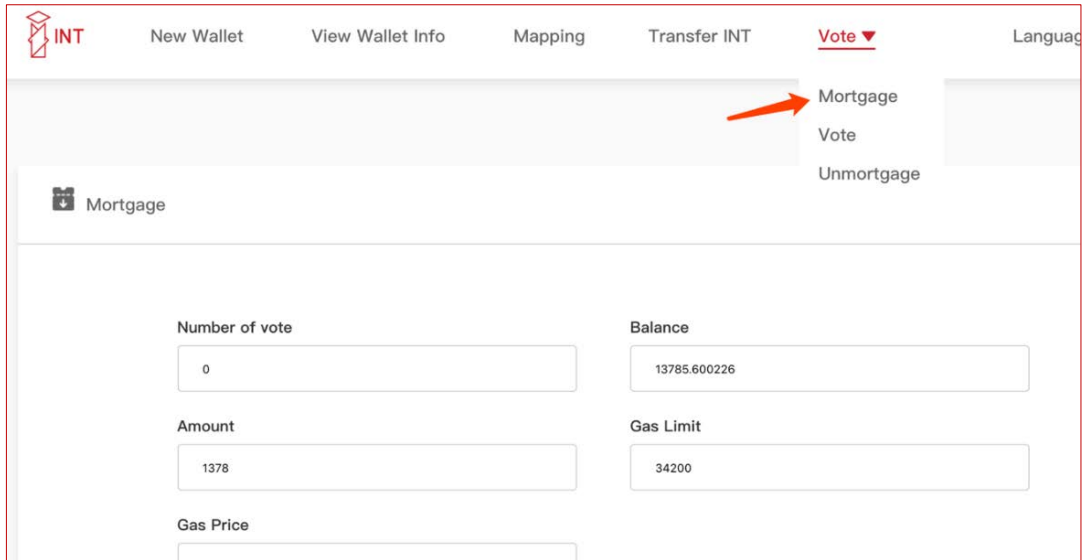
**Note:** all of mortgage, voting and unmortgage need gas fee. The gas fee is deducted from the balance of the account! Please keep some balance for gas fee.

## V. Vote: mortgage, vote, unmortgage

(You must mortgage INT before you can vote)

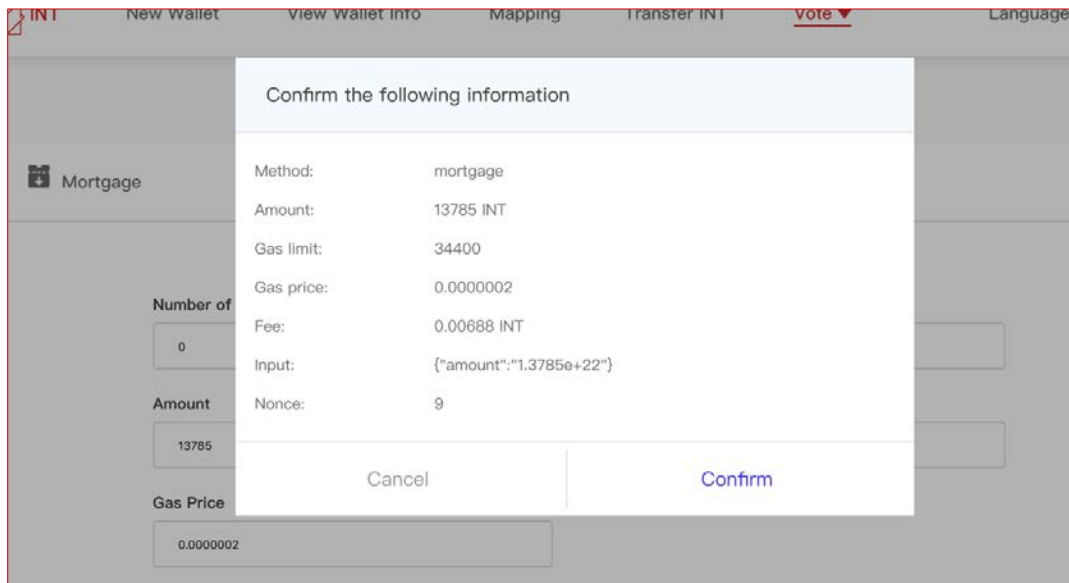
### A.Mortgage

1. Unlock the wallet by either Keystore or Private Key.



The screenshot shows the INT wallet interface. At the top, there is a navigation bar with the INT logo and several menu items: 'New Wallet', 'View Wallet Info', 'Mapping', 'Transfer INT', 'Vote', and 'Language'. The 'Vote' menu is open, showing three options: 'Mortgage', 'Vote', and 'Unmortgage'. An orange arrow points to the 'Mortgage' option. Below the navigation bar, the 'Mortgage' section is active, displaying several input fields: 'Number of vote' (0), 'Balance' (13785.600226), 'Amount' (1378), 'Gas Limit' (34200), and 'Gas Price' (empty).

2. After confirming the number of vote, the balance of wallet, the amount of INT to be mortgaged and gas fee, click on mortgage. (The system default gas limit and price can be modified as needed)



The screenshot shows the INT wallet interface with a confirmation dialog box open. The dialog box is titled 'Confirm the following information' and contains the following details:

Method:	mortgage
Amount:	13785 INT
Gas limit:	34400
Gas price:	0.0000002
Fee:	0.00688 INT
Input:	{"amount": "1.3785e+22"}
Nonce:	9

At the bottom of the dialog box, there are two buttons: 'Cancel' and 'Confirm'. The background of the wallet interface is dimmed, showing the same 'Mortgage' section as in the previous screenshot.

- Please confirm the above information: Cancel if there is an error; Confirm if it is correct.

Mortgage

Number of vote

0

Amount

13785

Gas Price

0.0000002

Mortgage

Any question? Please contact us.

Official email address: intwallet@intchain.io

Notice

✓

Operation success, click the URL below to view the results.

https://explorer.intchain.io/#/txdata?hash=13785d230e61...

Confirm

- This page shows “operate successfully”, you can click on URL to check whether to mortgage INT successfully. Under normal circumstances, all can be successful.

## B.Vote

- Unlock the wallet by either Keystore or Private Key.

Vote

Number of vote

13785

Balance

0.639266

search

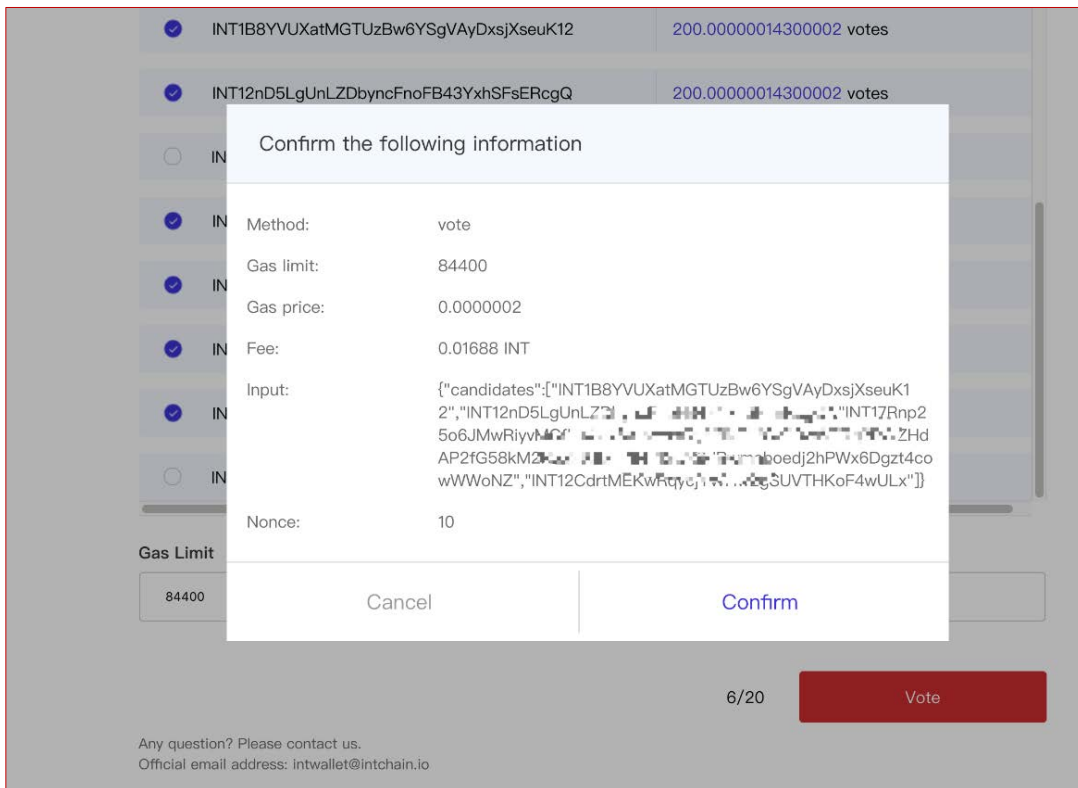
View Voted Nodes

<input checked="" type="radio"/>	INT1B8YVUXatMGTUzBw6YSgVAyDxsjXseuK12	200.00000014300002 votes
<input checked="" type="radio"/>	INT12nD5LgUnLZDbyncFncFB43YxhSFsERcgQ	200.00000014300002 votes
<input type="radio"/>	INT18R6bnDxbtP5eNvEN9qH2ZoVC4J1efXf3h	200.00000014300002 votes
<input checked="" type="radio"/>	INT17Rnp25o6JMwRlyvMCfLu4kN6AiacerA7y	200.00000014300002 votes
<input checked="" type="radio"/>	INT16S...	200.00000014300002 votes

2. Confirm the number of votes (the votes for every node are equal to the amount of your mortgaged INT), and the voting address, click on vote.

Note:

- 1) Each wallet can vote for up to 20 nodes at a time, and you can search for the address you want to vote on as needed;
- 2) The vote depends on the latest operation, and the previous number of votes for the nodes is invalid;
- 3) The system default gas limit and price can be modified as needed.

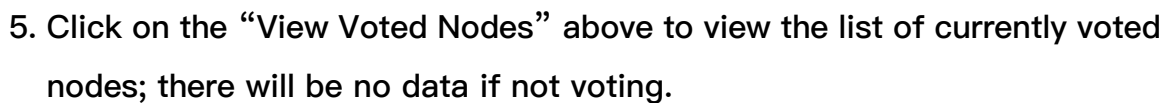
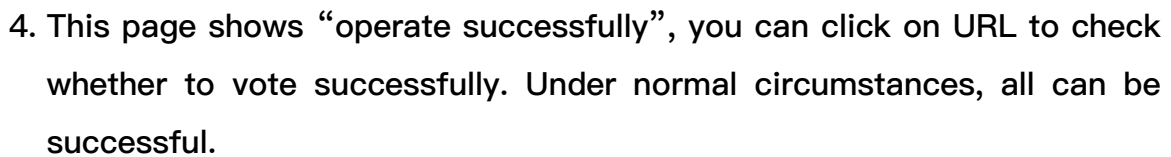


The screenshot shows a voting interface with a list of nodes and a confirmation dialog box. The dialog box is titled "Confirm the following information" and contains the following details:

- Method: vote
- Gas limit: 84400
- Gas price: 0.0000002
- Fee: 0.01688 INT
- Input: {"candidates":["INT1B8YVUXatMGTUzBw6YSgVAyDxsjXseuK12","INT12nD5LgUnLZDbyncFnoFB43YxhSFsERcgQ","INT17Rnp25o6JMwRiyvM2f","INT12CdrTMEKwRtyc","INT12SUVTHKoF4wULx"]}
- Nonce: 10

At the bottom of the dialog box are "Cancel" and "Confirm" buttons. The background interface shows a list of nodes with their addresses and vote counts (200.00000014300002 votes). A "Gas Limit" input field is set to 84400. At the bottom right, there is a "Vote" button and a "6/20" indicator. At the bottom left, there is a footer with the text: "Any question? Please contact us. Official email address: intwallet@intchain.io".

3. Please confirm the above information: Cancel if there is an error; Confirm if it is correct.






The list of currently voted nodes

## C.Unmortgage

1. Unlock the wallet by either Keystore or Private Key.


Unmortgage

Number of vote

Amount


Gas Price

Balance

Gas Limit

Unmortgage

2. After confirming the number of vote, the balance of wallet, the amount of INT to be unmortgaged and gas fee, click on unmortgage. (The system default gas limit and price can be modified as needed)


Unmortgage

Number of

Amount

Gas Price

Unmortgage

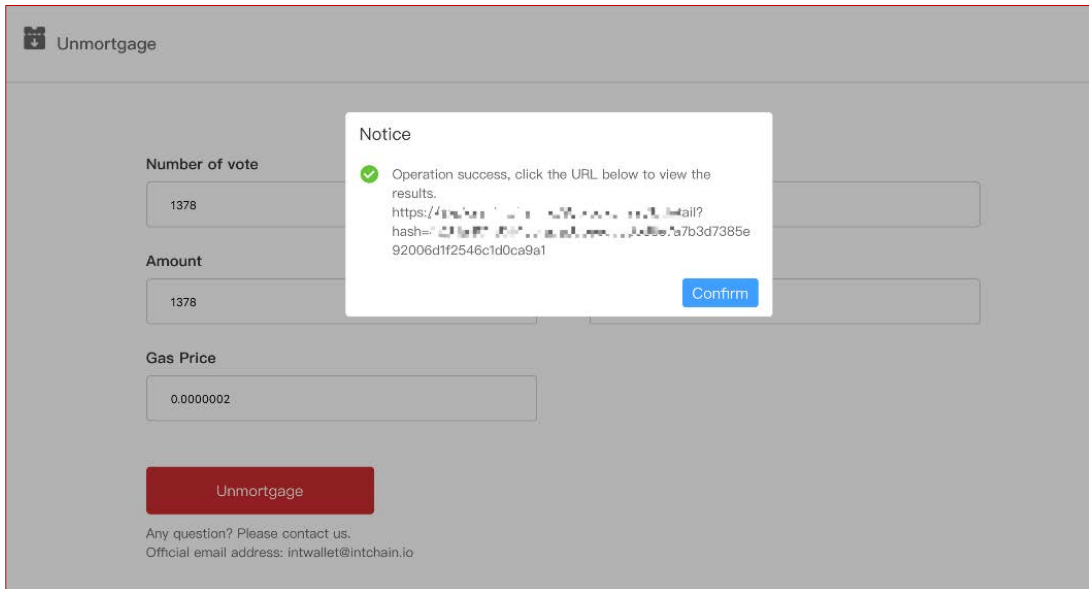
Confirm the following information

Method:	unmortgage
Amount:	1378 INT
Gas limit:	38200
Gas price:	0.0000002
Fee:	0.007639999999999999 INT
Input:	{"amount": "1.378e+21"}
Nonce:	13

Cancel

Confirm

3. Please confirm the above information: Cancel if there is an error; Confirm if it is correct.



The screenshot shows the 'Unmortgage' interface. A modal window titled 'Notice' is displayed in the center, indicating a successful operation. The background interface includes input fields for 'Number of vote' (1378), 'Amount' (1378), and 'Gas Price' (0.0000002). A red 'Unmortgage' button is visible at the bottom. The footer contains contact information: 'Any question? Please contact us. Official email address: intwallet@intchain.io'.

**Notice**

✓ Operation success, click the URL below to view the results.  
<https://4g...fail?hash=...7b3d7385e92006d1f2546c1d0ca9e1>

Confirm

Unmortgage

Any question? Please contact us.  
 Official email address: intwallet@intchain.io

4. This page shows “operate successfully”, you can click on URL to check whether to unmortgage successfully. Under normal circumstances, all can be successful.