VeChainThor Wallet Manual

- Android V1.4
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1. Basic wallet

The following terms are necessary to understand in order to secure and protect your wallet. Please understand them before creating your wallet in the mobile wallet application:

**Wallet Name** is the name you give the newly created wallet in your phone’s mobile wallet application. You choose and enter the name when setting up the wallet.

**Wallet Password** is a password you create, enter, and verify to lock and unlock the wallet on your mobile device. Anyone who has your unlocked phone and this password can access your wallet and associated tokens, including transferring them out to another wallet. The wallet password can not be used to restore a wallet.

**Mnemonic** is the 12 word phrase generated by the mobile application during the setup of the wallet. This 12 word phrase is used to restore your wallet in the event you lose your phone. Anyone who has this 12 word phrase, with or without your phone, can restore your wallet on another device. The mnemonic is not used to access the wallet in daily use once the wallet setup is completed. You should follow best-practices for keeping this mnemonic safe and private.

**Keystore File** is an exportable text file that is a secondary method of restoring the wallet. Anyone with access to this keystore file can restore your wallet, so keep it safe following best-practices.

1.1. **Begin to use wallet**

1.1.1. Download and open VeChainThor wallet APP on your mobile device. The VeChainThor Mobile Wallet application will be available for download in the Apple App Store and the Android App Market as early as July 9th, 2018.

1.1.2. Read and understand the “VeChainThor Wallet User Service Agreement” and “Privacy Policy”. When you have finished reading it, and are sure you understand the policy, click “Accept and set login password”.

1.1.3. Set a 6 digit login password. If your phone supports it, you may also choose to setup Touch ID/Face ID for wallet login.
1.1.4. After finishing setting password, please read the reminder of behavioral data collection. You can choose “Agree” or “Disagree”, and modify the setting during use in “Settings”. If you agree to collect data, click “Me-Settings” and turn on the function of “Collect behavioral data”. If you do not agree, turn off the function, furthermore, click “Delete behavioral data”, once the behavioral data is deleted, it cannot be restored.
"VeChainThor wallet" will use third-party data analysis software to collect your behavioral data, such as the types of content you view or engage with; the features you use; the actions you take; and the time, frequency and duration of your activities. This data will not be shared with any third party. We give you control through your settings to limit the data we collect from you.

Agree

Disagree

Settings

Language

Change login password

Collect behavioral data

Delete behavioral data
1.1.5. After set password and enter homepage without wallet. There are 3 operations on homepage are create wallet, import wallet, and VET Token Swap Service. When click VET Token Swap Service first, page shows the flow chart of VET Token Swap. Check the agreement and click start, system requires create wallet or import wallet first (no wallet in new APP). **We recommend create wallet when first time use APP, or import wallet if you have VeChainThor wallet.**
VET SUBSTITUTION SERVICE AGREEMENT

Dear User:

Thank you for choosing the VET Substitution Service of the VeChainThor Wallet (hereinafter referred to as the "Wallet"), which is a product of Weijian Information & Technology (Shanghai) Co., Ltd. (hereinafter referred to as the "Company" or "We").

The VET Substitution Service Agreement (hereinafter referred to as this "Agreement") is a contract made by and between you and the Company for your use of the VET Substitution Service. The Company will provide services for you in accordance with the following terms hereof. Please be sure to read this Agreement carefully and fully understand the content of each term, especially those marked in bold and underlined.

ARTICLE I. DEFINITION

1.1 VeChainThor Wallet: means the blockchain wallet developed by the Company based on the VeChainThor Blockchain system (and other blockchain systems that will be supported in the future), including other supporting tools developed to facilitate the use of blockchain systems by users.

1.2 Digital Tokens: means the types of the digital tokens currently supported by the Wallet, including but not limited to VET, VTHO.

1.3 User: means any natural person who accepts and agrees
1.2. **Create wallet**

1.2.1. Click “Create Wallet”, Follow the instructions to input your wallet name and setup the wallet password. The wallet name is a name of your choosing, to distinguish this wallet from other wallets you might create. The wallet password is a password entered on this mobile device to access the contents of the wallet. The password is specific to this device, and is not used to restore the wallet. Read and accept 《Terms of Service and Privacy Policy》， then click Create a wallet.

*Cannot take screenshot in formal environment.*
1.2.2. Backup wallet

Backup wallet after created. Click how to backup, then click back up mnemonic phrases, system remind “please confirm you are ready to write down your mnemonic phrases”. Click confirm and enter password, then confirm and enter to mnemonic phrases writing page.

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Mnemonic phrases are the key of your wallet

Anyone who gains access to your mnemonic phrases can recover your wallet and control all your assets. We DO NOT store your mnemonic phrases, nor can we recover it. Please backup cautiously.

HOW TO BACKUP

How to backup my wallet?

DO NOT store your mnemonic phrases online

Please write down the mnemonic phrases on paper and keep it safe. DO NOT save them to any online storage.

Reminder
Please confirm you are ready to write down your mnemonic phrases

Cancel Confirm

Back up mnemonic phrases
1.2.3. Write down your mnemonic phrase on a piece of paper, and keep it safe. There are 12 mnemonic phrases show in 4 pages. Mnemonic phrases are your private key, the most significant part of wallet, and cannot leak out. For Android, for security reasons do not take a screenshot, photo, or other digital copy of this phrase. If system detect screenshot operation, it will be terminated.

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1.2.4. When complete mnemonic phrases, click “confirm” to enter to mnemonic phrases confirming phase, or click “cancel” to write and check mnemonic phrases again. After confirmation, your mnemonic phrases will be removed from the device’s memory. Once you have completed the steps above, the VeChainThor Wallet creation is completed. It is not retrievable, so please ensure it is secure and accessible to you in the event you need to restore your wallet.

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Special note for X Node holders: if you lose both the mnemonic and keystore file, you will have no way to restore the wallet and will need to create a new wallet, in which case you would lose your X Node status.
1.2.5. In mnemonic phrases writing and confirming phase, if quit wallet to do other operation, when back to wallet, system will remind, “creation interrupted”, users can decide whether to continue or recreate wallet. If quit wallet for a long time, system will quit wallet creation.

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1.3. Page introduction in wallet

1.3.1. Asset list

Swipe left and right to view the wallets’ assets list. Click “Manage asset list” to configure assets displayed in the Asset list page, turn the button into gray if you do not want it to display in the Asset list page. And VTHO is also not in the asset list.
1.3.2. Collectibles

The Collectibles page displays tradable nodes and token of DAPP developed by third-party.
1.3.3. Right menu bar

The right menu of wallet is as follow, the upper part of menu is wallet list, and the bottom half is wallet function. You can scan wallet address to transfer or add contact, and create new wallet or X node transfer (in transfer phase) or VET token swap service (in swap phase).
1.3.4. “Me” menu

The “Me” menu is as follow, functions including “manage wallet”, “X node transfer” (node transfer phase) or “VET token swap” (swap phase), add contacts, change settings, and view APP edition. “Manage wallet” and “X node transfer” or “VET token swap will be introduce in details later.
1. 4. Manage wallet

1. 4. 1. Click “Manage Wallet” in “Me”, select one wallet to manage. You can modify wallet name, change wallet password, export keystore and delete wallet. Password is required when export keystore and delete wallet. When delete wallet, system also remind whether to delete the wallet after enter password and need users to confirm.

*Cannot take screenshot in formal environment.*
1.5. Export keystore

1.5.1. Export keystore directly, copy and save keystore to local, and import wallet with wallet password to recover wallet.

1.5.2. Keystore QRCode apply to transfer wallet to another device in safe environment, scan QRCode and enter wallet password to recover wallet.

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1.6. Import wallet

There are three ways to import wallet. Import wallet with mnemonic phrase or keystore, or only input address to perform balance check, X node transfer, VET token swap, but do not own the assets in the address.

1.6.1. Import wallet with mnemonic phrase: input mnemonic phrase, wallet name (randomly set, different with other wallet name in this APP), new password, read and accept terms, then click “Import”. Once the mnemonic phrase is
correct, and two passwords are the same, wallet can be imported successfully, and the wallet use new password to trade. If the wallet already exists, system remind you whether to reset the password and wallet name.

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1.6.2. Import wallet with keystore: input keystore exported (keystore changes when export wallet with mnemonic phrase), input wallet name, original wallet password, read and accept terms, then click “Import”. Only when the keystore and password are both correct can the wallet be successfully imported. You can also import your wallet by scanning the keystore QRCode of wallet by another phone. If the wallet already exists, system remind you whether to reset the password and wallet name.

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1.6.3. Observe wallet does not require the private key, this function shall be used with cold storage or hardware wallet to better manage your assets. Main functions include balance check, X node Binding, VET token swap and VTHO rewards claim. These functions are the same with common wallet and please refer the following introductions.

1.6.3.1. observe ledger wallet

If you want to observe your ledger on VeChainThor wallet, please do as follow steps.

a. Connect ledger with computer, open APP website, enter password on ledger to log in ledger on website, then click “Setting”
b. Choose “Observe Wallet Authorization”, and click “Go”.

c. Click “start” in this page.

d. Choose one address for observing.
e. In the VeChainThor wallet, navigate to create a wallet -> import a wallet -> observe wallet. Input or scan QR code of the ledger wallet address as above. Input wallet name, read and accept agreement and policy, then click “import”.
f. Page shows 6 digits authentication code that need to be input on ledger.
g. Enter 6 digits authentication above on the ledger wallet and click “Next”.

h. Confirm on your ledger to sign authentication code and get wallet observation authorized.
i. After sign the message on ledger, the ledger website will generate an authorization signature with QR code version. Scan the QR code in VeChainThor observed wallet and verify signature. If the 6 digits authentication and signature are both right, the observe wallet will be imported successfully. Click confirm to finish observing.
1.6.3.2. observe VeChainThor cold wallet

If you want to authorize another VeChainThor wallet to observe current VeChainThor wallet (e.g. your cold wallet), please do as follow steps.

a. In the VeChainThor cold wallet, navigate to create a wallet -> import a wallet -> observe wallet. Click “Observe Wallet Authorization”, select a wallet for observing and accept agreement and policy, click “Authorizing”, 6 digits authentication should be input in this page.
VeChainThor Wallet Manual for Android

Import a wallet

- Mnemonic Phrases
- Keystore
- Observe a wallet

Observe a wallet does not require the private key, this function shall be used with cold storage or hardware wallet to better manage your assets. Main functions include balance check, X Node Binding, VET Token Swap and VTHO rewards claim. **Observers DO NOT own the assets in the addresses!**

Scan QR code or input wallet address

- New Wallet Name
- I accept User Service Agreement and Privacy Policy

Import

Observe Wallet Authorization

Select a wallet to observe

For better manage your assets, input your VeChainThor address to use ‘Observe wallet’ function, including balance check, X Node Binding, VET Token Swap and VTHO rewards claim. Observers DO NOT own the assets in the addresses.

Address:

0x4A8D158ff8d0FF30c1A63
e60c77593C845668D

test

I accept User Service Agreement and Privacy Policy

Authorizing

Observe Wallet Authorization

1. Use observed wallet, navigate to ‘Create a wallet -> Import a wallet -> Observe wallet’:

   - Input or scan the QR code of the observe wallet address:
     0x4A8D158ff8d0FF30c1A63
     e60c77593C845668D

   - Obtain 6 digits authentication code

2. In the cold wallet, input 6 digits authentication code and generate authorization signature

   Please input 6 digits authentication code displayed in observed wallet

Generate Authorization Signature
On another VeChainThor wallet, navigate to create a wallet -> import a wallet -> observe wallet. Input or scan QR code of the ledger wallet address as above. Input wallet name, read and accept agreement and policy, then click “import”.

**b. Page shows 6 digits authentication code**
c. On your cold wallet, input 6 digits authentication obtained from your observe wallet and click “Generate Authorization Signature”, input wallet password to confirm and generate authorization signature. Use observe wallet, input or scan QR code of the authorization signature to complete wallet import.
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1. Use **observed wallet**, navigate to "Create a wallet -> Import a wallet -> Observe wallet":

   - Input or scan the QR code of the observe wallet address:
     0x4A8D1588ff8d0FF3dc1A63e00c77593c84b688D

   - Obtain 6 digits authentication code

2. In the **cold wallet**, input 6 digits authentication code and generate authorization signature

   - 0 9 9 4 5 6
     Please input 6 digits authentication code displayed in observe wallet

   - Generate Authorization Signature

   - Confirm

---

Use **observed wallet**, input or scan QR code of authorization signature to complete wallet importing.

- **Observe wallet authorization signature**

   3c6ebf6d3e6f334a7d2a0b4d3a164444a85d4f4f3f766995bd98d954a5e2d06c
   549b512da2f349710ed9207a7e497d430f12232e97525bf5c9791e6a45651

- **Wallet address**: 0x4A8D1588ff8d0FF3dc1A63e00c77593c84b688D
- **Authentication code**: 099456

---

Import Successful
1. On the observe wallet, paste the authorization signature or scan the QR code, click "Signature Authorization" to complete importing the observe wallet.

1.6.3.3. Offline transaction signing in cold wallet

a. Access your online observe wallet, select the asset and click “Transfer”.
b. Input transaction information in observe wallet and click “next”. Click “How does offline transaction signing works?” to get manual for offline transaction signing.
c. Obtain the transaction QR code to be scanned by Cold Wallet.
d. Open the offline Cold wallet. Click “Scan the transaction” on asset page or click ‘Scan’ in the ‘More’ menu on the top right corner of the homepage. Scan the QR code generated in the Observe wallet.
e. Check and confirm the transaction details to be signed in Cold wallet, click ‘Signature Authorization’.
f. Enter wallet password and obtain QR code. Use Observe Wallet to scan the generated QR code to send transaction.
g. Go back to Observe wallet, and scan the QR code generated in the Cold wallet. Click ‘Send’ to complete the transaction.
1.6.3.4. Other functions in observe wallet

In observe wallet, you can view balance and transaction log, binding X node, VET swap and vethor reward claims. Operation procedures please refer common wallet.

1.7. Transfer

Click “VET” on asset list to view the transaction logs and balance. Click “transfer” and enter transfer page. Input receiver’s address (you can also select address from contacts or scan receiver’s QR code) and amount, adjust transaction fee (21 VTHO at least and 42 VTHO most). Memo can be added. Then click “NEXT”, system shows payment details for confirmation, click “CONFIRM” next and enter wallet password. The log will be recorded in transaction logs, click this log to view sender, receiver, transaction fee, memo, transaction ID, block number and transaction time.

The transfer process is the same for VTHO with only difference in transaction fee.
Cannot take screenshot in formal environment.
1.8. Receive

In asset details page, click “receive” and system pop up reminder, click “I understand”. Page displays receiving code and address. You can copy receive address for others to pay or let others scan QR code directly to pay. The addresses of VET and VTHO are the same, but QR code are different. Please select the right account when receive money with QR code, you can also enter amount and receive.
The VeChainThor Blockchain only supports tokens that are native to the VeChainThor platform such as VET and VTTHO.

DO NOT transfer any assets from an Ethereum wallet (including ERC20 VEN) to the VeChainThor wallet!

VeChainThor and the Ethereum blockchain are two completely separate platforms and the mnemonic phrase, address and tokens CANNOT be shared. Transferring assets directly from Ethereum to VeChainThor (or vice versa) will cause irreparable loss.

I understand

Don't prompt me about this again

Unable to verify the receiver's QR code. Retry with the address code.

Copy wallet address

Copy wallet address
1.9. **Binding wallet**

According to actual requirement, such as KYC, binding wallet address with KYC account to complete the authentication of wallet’s owner.

![VeChainThor Wallet Manual for Android](image)

2. **Collectables**

2.1. **Node transaction**

Click the “VeChainThor Node” in Collectibles page, carefully read and agree the agreement.
2.1.1. Node transaction log

Enter the VeChainThor node page, click “Transaction log” to view history transaction logs of node. All node transactions are automatically dealt by smart contract.
2. 1. 2. Node transfer

Click the node you want to transfer - “VeChainThor X Node” and select transfer mode, including “Designated Transfer” and “Public Auction”. The “Designated Transfer” including designated transfer to other address or instant transfer to another address in the APP.

a) Click “Designated Transfer”, carefully read and confirm the reminder to enter Designated Transfer page, input target address and sales price and confirm. Click “Next” to initiate contract signature. Check information of “transaction fee”, “signature address”, “target address”, “contract address”. Then click “Next” and input transaction password to initiate the request of Designated Transfer of node to the VeChainThor Blockchain. If you want to cancel the request, please click “Cancel Your Order”. The receiver do not need to do any operations, but only receive the transfer messages and the countdown of the node requirement monitoring.
**Reminder**

The transaction of a VeChainThor node is automatically processed by a node smart contract on the VeChainThor blockchain and the contracts are transparent and completely decentralized to ensure the security of the transaction.

After you request for sale, you still hold the node. Please ensure the VET amount meets the requirement of the node before the sale is completed.

**VeThor X Node**

**ID:** 167

**Target address**

0x7b54A6d94B9a9E8034Af8BB6001D064693
064Eebb2

**Sales price**

280

**Order validity:** 4 hours

**Transaction fee:** 350 VTHO

At the auction stage, please maintain the amount of VET required by the current node. If the node is downgraded, the processing order will be cancelled by the system.

**Wallet Password**

**Contract Signature**

**0.00 VET**

**Transaction fee:** 350 VTHO

**Signature address**

0x13E36054BaC5007F4d9d
156f1Fa9552F6159B680

**Target address**

0x7b54A6d94B9a9E8034Af8BB6001D064693
064Eebb2

**Contract details**

Nodes for designated transfer
b) Click the “Instant transfer” in the Designated Transfer page, carefully read and confirm the instant transfer reminder and enter Instant node transfer page. Select another wallet address in this APP and click “Next”, read the “reminder” and confirm to initiate contract signature. Check information of “transaction fee”, “signature address”, “target address”, “contract address”. Then click “Next” and input transaction password to initiate the request of instant Transfer of node to the VeChainThor Blockchain. The system will start monitoring the VET amount on the target address in approximately 4 hours after the instant transfer is successfully done. And the target address do not need to do any operations.
Instant Transfer Notice

In this function, the node can be directly transferred to other addresses in this wallet App including observe wallets without the need for the receiving address to accept it. However, the receiving address MUST meet the minimum VET holding requirement corresponding to the node type within approximately 4 hours after the transfer. If you want to transfer the node to Ledger address, please add the Ledger address as observe wallet first.

Understood
VeChainThor Wallet Manual for Android

**Instant Node Transfer**

**VeThor X Node**

- **Target address:** 0x7b54A6d94Ba9E803Af88B6001D06469 3064Eebb2
- **Can only be transferred to the addresses in the current wallet App.**
- **Transaction fee:** 200 VTHO

**Important Reminder**
The system will start monitoring the VET amount on the target address (0x7b54...Eebb2) in approximately 4 hours after the instant transfer is successfully done. If the target address VET amount does not meet the corresponding node requirement (600,000VET) by then, the node will be dropped or downgraded!

**Contract Signature**

**0.00 VET**

- **Transaction fee:** 200 VTHO
- **Signature address:** 0x13E36054Bac5007F4d9d 156f1F9a552F6159B680
- **Target address:** 0x7b54A6d94Ba9E803Af88B6001D06469 3064Eebb2
- **Contract details:** Instant Node Transfer
c) Click “Public Auction”, carefully read and confirm the “reminder” and enter public auction page. There are two auction mode, one is “Fixed Price Auction” and another one is “Dutch Auction”. The price of “Fixed Price Auction” is fixed, and for “Dutch Auction” node, it should set starting price and lowest price. Enter price and confirm. Click “Next” to initiate contract signature. Check information of “transaction fee”, “signature address”, “target address”, “contract address”. Then click “Next” and input transaction password to initiate the request of public auction of node to the VeChainThor Blockchain. If you want to cancel the auction, please click “Cancel Your Order”.
Reminder

The transaction of a VeChainThor node is automatically processed by a node smart contract on the VeChainThor blockchain, and the contracts are transparent and completely decentralized to ensure the security of the transaction.

After you request for sale, you still hold the node. Please ensure the VET amount meets the requirement of the node before the sale is completed.

Confirm

Auction plan

Fixed Price Auction  Dutch Auction

Sales price

200

Order validity: - 3days +

The node will be auctioned at the price of 200 VET for 3 days. When the buyer pays the full payment, the transaction will be dealt automatically. If the order is not dealt in 3 days, it will be cancelled automatically (you can also cancel the order at any time).

Transaction fee: 350 VTHO

At the auction stage, please maintain the amount of VET required by the current node. If the node is downgraded, the processing order will be cancelled by the system.

Next

Contract Signature

0.00 VET

Transaction fee 350 VTHO

Signature address: 0x7b54a6d94ba9e303a6f8
B6001D64693064Eebb2

Target address

Contract details: Nodes for public auction

Next
VeChainThor Wallet Manual for Android

Auction plan

| Fixed Price Auction | Dutch Auction |

Sales price

Wallet Password

¬

Processing

17

Waiting for the data packet to upload to the blockchain

The packing time depends on the congestion of the mainnet. Normally, the packing will be completed in about 10 seconds, please wait patiently.

Confirm

Wait no more and take a look first

VeThor X Node

Order validity remaining: 71:59:27

200 VET

ID: 167
Type: VeThor X Node
Minimum VET requirement: 600,000 VET
X Node reward rate: 0.23
Economic Node reward rate: 0.0

Transaction Log

| 0x7b54a6..064e6bb2 | 0.00 |
| 57 minutes ago | Direct transfer |
| 0x13e360..6159b680 | 0.00 |

Cancel Your Order
2.1.3. Trading market
Click “Check the trading market”, carefully read and confirm the “Transaction reminder” to view all nodes publicly auctioned on the VeChainThor Blockchain.

![VeChainThor Node](image)

2.1.4. Buy a node
In the trading market, select the node you want to buy, and click “Buy”. Read the “important reminder” and confirm, click “Next” to initiate contract signature. Check information of “transaction fee”, “signature address”, “target address”, “contract address”. Then click “Next” and input transaction password to confirm. After the transaction is packaged and uploaded to the blockchain, which means successfully bought the node. System starts to monitor the VET amount after 4 hours later. You must make your VET amount meet the requirement of the node can you truly own the node, or you will lost the node.
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Trading Market

Strength X Node
ID: 116
200 VET
2 Strength X Node left in the trading market
Order invalid time: 03/28/2019 15:15

Strength X Node
ID: 104
100 VET
2 Strength X Node left in the trading market
Order invalid time: 03/28/2019 16:31

No more

Strength X Node

Order validity remaining: 69:46:11

200 VET
VeChainThor Node is non-fungible tokens developed based on the VIP181 standard. VeChainThor nodes are eligible for VTHO rewards corresponding to the node type. The purchase and transfer of the node is executed via smart contracts.

ID: 116
Type: Strength X Node
Minimum VET requirement: 1,600,000 VET
X Node reward rate: 1.0
Economic Node reward rate: 1.0

Transaction Log
0xa4Cc190_..AA0541c 0.00
01/14/2019 14:04

Buy

Accept

Important Reminder
Purchasing a Strength X Node requires the receiving account to maintain a balance of at least 1,600,000 VET. After the purchase is successful, the user will have approximately 4 hours to deposit this minimum balance to the address containing the newly purchased node. If the balance is insufficient, the node will be dropped or downgraded!

Confirm

Next
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200.00 VET

Transaction fee: 350 VTHO
Signature address: 0x7b54A6d948a9E803Af88B6001D064693064Eebb2
Target address: 0xaCc109B47A906868146AC90CC4ACB234A0D541c
Contract details: Purchase node in trading market

Next

VeChainThor Node
VeChainThor Node is non-fungible tokens developed based on the VIP181 standard. VeChainThor nodes are eligible for VTHO rewards corresponding to the node type. The purchase and transfer of the node is executed via smart contracts.

Transaction Log

Waiting for the data packet to upload to the blockchain
The packing time depends on the congestion of the mainnet. Normally, the packing will be completed in about 10 seconds, please wait patiently.

Wait no more and take a look first

Check The Trading Market
3. VET Token Swap

VeChain will swap the VET every Tues and Thurs, the service stopped date shall be announced via the official Twitter.

3.1. VET Token Swap

3.1.1. VET Token Swap via exchanges
Users can transfer ERC20 VEN to participating exchanges. The exchanges will start providing token swap services in approximately mid-July.

3.1.2. VET Token Swap via VeChainThor Wallet
This section assumes you have already created a wallet. If you have not please check section 1.

Step1: Click “VET token swap service” in wallet right menu bar or “Me” and start VET swap service.

Step2: Read and comprehend the “Token Swap Service Agreement’ and click “start”.

[Image of VeChainThor Wallet interface]
Step 3: Select one address had not bond Ethereum address and confirm. Input Ethereum address and verify to enter token swap manual page, and swap token according to manual.
Token swap manual is as follow, click “Understood, start binding”:
1. Copy intermediary address

Understood, start binding (6S)
Step 4: Once you begin the swap process, a unique Intermediary Address is generated based on your Ethereum and VeChainThor addresses. Copy this address and transfer VEN to this intermediary address in Ethereum wallet (It is heavily recommended that you send a test transaction of 0.01 VEN to the intermediary address first. Upon seeing its success in the explorer, you can transfer the rest.). Do not send to your VET wallet, only the intermediary address.

- **Sender’s address**: Your Ethereum address;
- **Receiver’s address**: Your intermediary address;
- **Amount**: Input the token swap VEN amount.

Step 4: From your Ethereum ERC20 wallet (e.g., MyEtherWallet), transfer the rest of your ERC20 VEN to the receiver intermediary address that you copied (pictured above).
Step 5: The VeChain Foundation continuously monitors the intermediary address. Once the ERC20 VEN is received in that address, the VeChain Foundation will manually transfer VET (1:100 ratio) to the VeChainThor Wallet address you created at the very beginning of this process. **Due to security concerns, token swap via the VeChainThor Mobile Wallet Token Swap Service will not happen in real time. Instead, it will be appeared for your new VET (1:100) to appear in your wallet on every Tues and Thurs.**

Check the wallet for the swap tokens.
4. **VTHO reward**

On reward page, read and accept reward service agreement, click “start”. Prompt will appear on the page for operations such as upgrading and reward claims.

4.1. **Node Upgrade**

- Click “Upgrade” to upgrade your node status when you meet the upgrade requirement, store the required amount of VET in your wallet during maturity period. You Node will be upgraded after maturity period. If your VET amount haven’t met the minimum requirement of current node, node upgrade failed.
Node upgrade successful

Congratulations! You have upgraded to a Mjolnir X Node. To receive more rewards, please ensure VET amount in wallet is 15,600,000VET or greater to retain node status.
- To Non-economy node, “upgrade” bottom shows on strength node page whether your VET balance met requirement or not. If your balance have not met the node requirement, system will pop up the prompt. On other node’s page, “upgrade” bottom will not show until your VET balance met the node requirement. Node can only be upgraded by sequence.

4.2. Node Degrade

When your locked VET have not met the minimum requirement, your node status will downgrade (downgrade rules).
If your VET amount met the node requirement, but system monitored your VET amount does not meet the minimum requirement of corresponding Node category in the last two hours, your node will be downgraded: page of “Apply to upgrade node” shows first when you click “upgrade”, then you click “confirm”, system show “Node upgrade Unsuccessful” and node downgrade.
4.3. Reward claims

You can click the VTHO orbs to or click “Collect reward” to collect your VTHO rewards. A certain processing cost will be deducted and the remaining VTHO reward will be deposit into the address. The upper left corner shows the received and unclaimed VTHO rewards, you can also click here to view rewards history.
Collect all rewards

The reward you can collect for this period is 12,848.49 VTHO, and on-chain processing cost is 40.0 VTHO. Therefore, 12,808.49 VTHO will be credited to your address in a few hours.

[Buttons: Cancel, Confirm]
5. Message pops

When transfer VET, trade node, instantly transfer node, apply or cancel node upgrade and collect reward, there will be message pops. There are two kinds of pops including foreground pop and background pop. When the APP is running in the foreground, it appears the foreground pop which only lasts for 3 seconds and will disappear automatically if you do not click it. When the APP is running in the background, it appears the background pop and remains until you click and read it. In addition, Android phones need to install Google service and use an VPN proxy to receive the message pops.
Successful transfer
The target address 0x733b...5636 successfully rec..
Successful transfer

The target address
0x753b72e9443c7f03e1b97f0d01153d715d4b5cc0539
successfully received 200
VeChainThor (VTH) from the sending address
0x15e93d015bac5007f49415f1fa552f6159b680
03/26/2019 15:11:40
6. Discover

In “Discover”, there all different kinds of Dapps which are developed by the third parties, please carefully read the tips before use the Dapps.