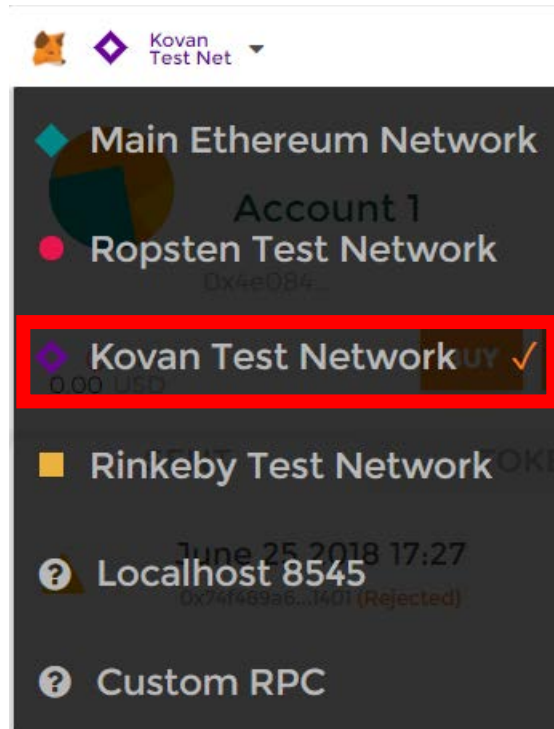




Guide to [DUO Network Kovan Test](#)

1. Install MetaMask

Install the MetaMask Chrome extension from [here](#). Once setup, toggle your network to “Kovan Test Network.”



2. Obtain Kovan Ether

Talk to our [faucet bot](#) on Telegram. Register your address and you will be eligible to obtain 2 Kovan ETH (KETH) per day.

Alternatively, sign in to the [Kovan faucet channel](#) and enter your Ethereum address to request for KETH.



3. Obtain Kovan DUO

Disclaimer: the DUO token you receive is ONLY for testing purpose. It does NOT represent any claim on the Main Network DUO token.

3.1 Request DUO

Upon registration with our [faucet bot](#), each address can request for a one-time 3,000 Kovan DUO; if the address is referred by another account, it is eligible for 10,000 Kovan DUO instead.

3.2 Exchange DUO

Send KETH to this address

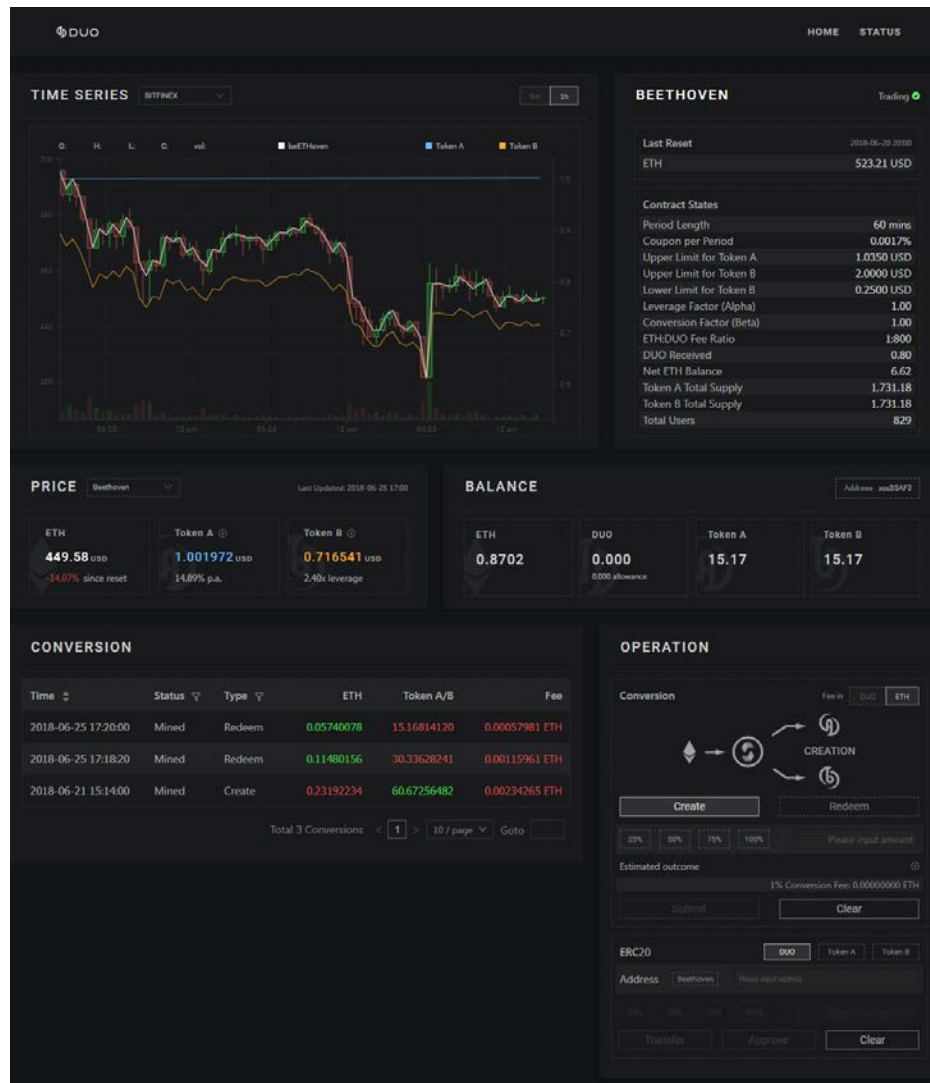
0x2d6e2fE8233CD5C181f3bdC9EEBd12A1208a7061

1 KETH can exchange for 1,000 Kovan DUO. Follow the instruction given by the [faucet bot](#) and we will send Kovan DUO to your address. Note that you cannot use Kovan DUO to exchange back for KETH.

We conduct Kovan DUO transfer at 10 am and 10 pm SGT every day.
Contact admin on telegram if you do not receive Kovan DUO as expected.



4. Web User Interface



Time Series Card: shows historical prices from exchanges and fixings in Beethoven; each fixing is linked to respective price commit transaction page on Etherscan.io

Beethoven Card: information on contract states

Price Card: shows latest prices from exchanges and last fixing in Beethoven

Balance Card: shows your current balance; address on the top-right corner is linked to your address on Etherscan.io

Conversion Card: shows your historical conversions; each conversion is linked to respective record on Etherscan.io

Operation Card: perform create/redeem and standard ERC-20 operations

5. Conversion



OPERATION


Conversion

Fee in

DUO

ETH



CREATION

Create

Redeem

25%

50%

75%

100%

Please input amount

Estimated outcome

1% Conversion Fee: 0.00000000 ETH

Submit

Clear

ERC20

DUO

Token A

Token B

Address

Beethoven

Please input address

25%

50%

75%

100%

Please input amount

Transfer

Approve

Clear

BALANCE

Address 1300E847

ETH	DUO	Token A	Token B
0.007116	99.98 24.98 allowance	0.6487	0.6487

5.1 Paying conversion fee in ETH

To create Token A and Token B, first select ETH on top-right corner as conversion fee. Then toggle Create button and input the amount of ETH or select the percentage of your ETH to be converted.

The redemption process is very similar.

5.2 Paying conversion fee in DUO

To pay conversion fee in DUO, make sure you have both KETH and DUO in your balance. Next, go to the bottom of the Conversion Card and toggle DUO. Then select Beethoven as address, input the amount of DUO to be approved, and click the approve button.

When transaction is confirmed, refresh the page and check under the Balance Card that you indeed have allowance under DUO. Select DUO on the top-right corner of the Operation Card as transaction fee and you are ready to pay transaction fee in DUO.