

Transferring Cross-Chain Assets into ThunderCore

Overview

ThunderCore supports various cross-chain assets including: USDT, USDC, WBTC, ETH & ERC20-TT.

This document goes through the process of converting cross-chain assets from an Ethereum-based token into the cross-chain token on ThunderCore.

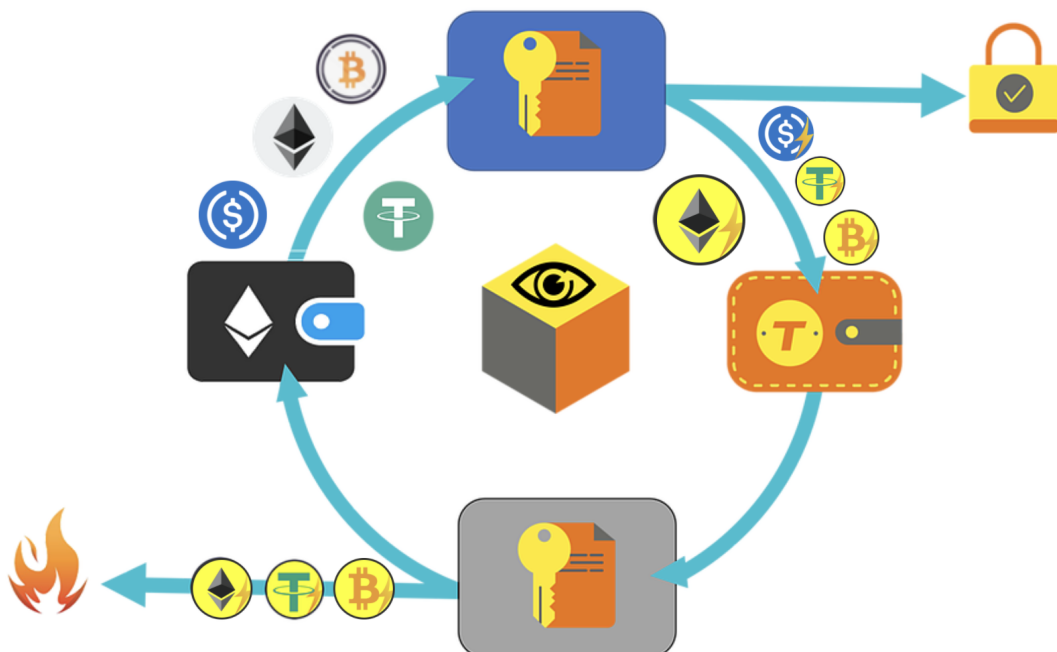
***NOTE: Any wrong transfer may result in asset loss. Please be aware.**

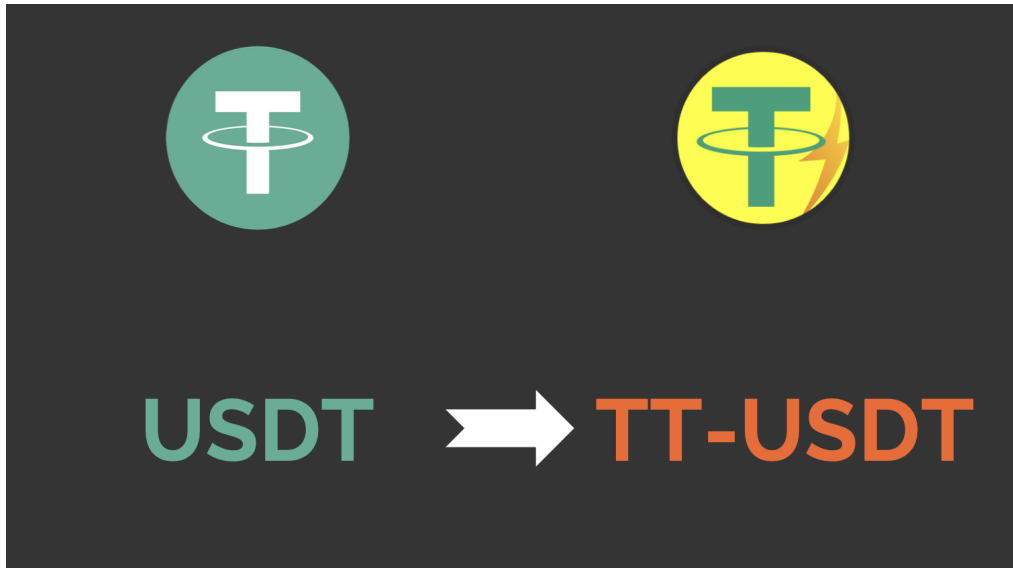
The process of **loading** TT-USDT / TT-USDC / TT-WBTC / TT-ETH / TT is:

1. A user sends their USDT / USDC / WBTC / ETH / ERC20-TT from their Ethereum wallet into a smart contract running on the Ethereum blockchain.
2. A set of Validator Nodes watching the Ethereum Smart contract will see the deposit and locks the USDT / USDC / WBTC / ETH / ERC20-TT and mints the equivalent amount of TT-USDT / TT-USDC / TT-WBTC / TT-ETH / TT on the ThunderCore Blockchain.
3. TT-USDT / TT-USDC / TT-WBTC / TT-ETH / TT is sent to the users ThunderCore Hub.

The process of **off-loading** TT-USDT / TT-USDC / TT-WBTC / TT-ETH / TT is:

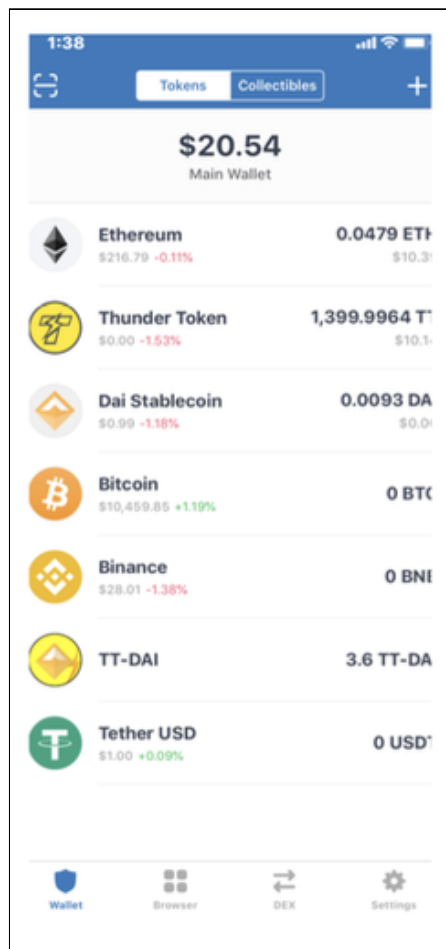
1. TT-USDT / TT-USDC / TT-WBTC / TT-ETH / TT are sent to the ThunderCore Smart Contract.
2. A set of Validator Nodes watching the ThunderCore Smart Contract will see the deposit, then burn the TT-USDT / TT-USDC / TT-WBTC / TT-ETH and unlock USDT / USDC / WBTC / ETH / ERC20-TT from the Ethereum Smart Contract.
3. USDT / USDC / WBTC / ETH / ERC20-TT are sent to the users Ethereum-based crypto wallet.



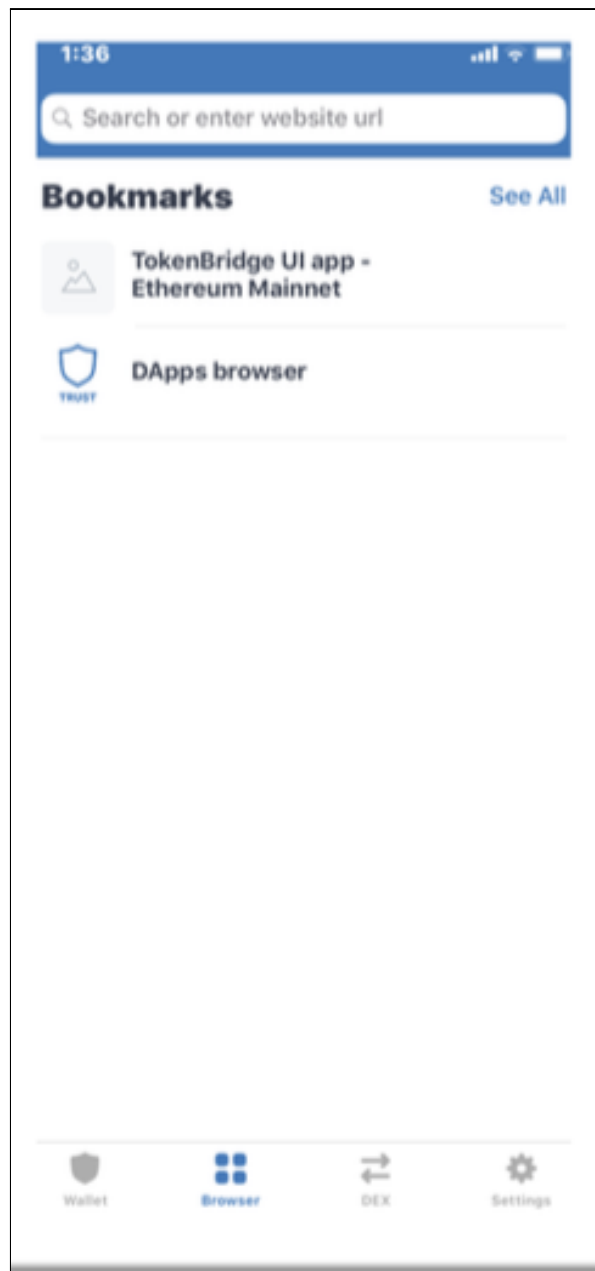


User Process: USDT into TT-USDT

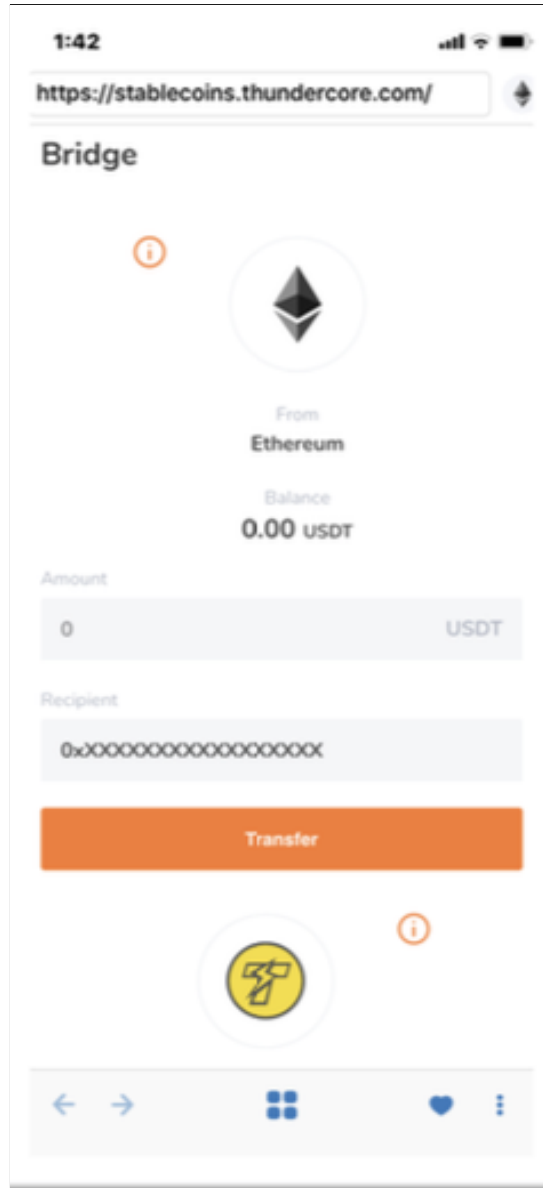
- (1) Open Trust Wallet
- (2) Go to "Browser"



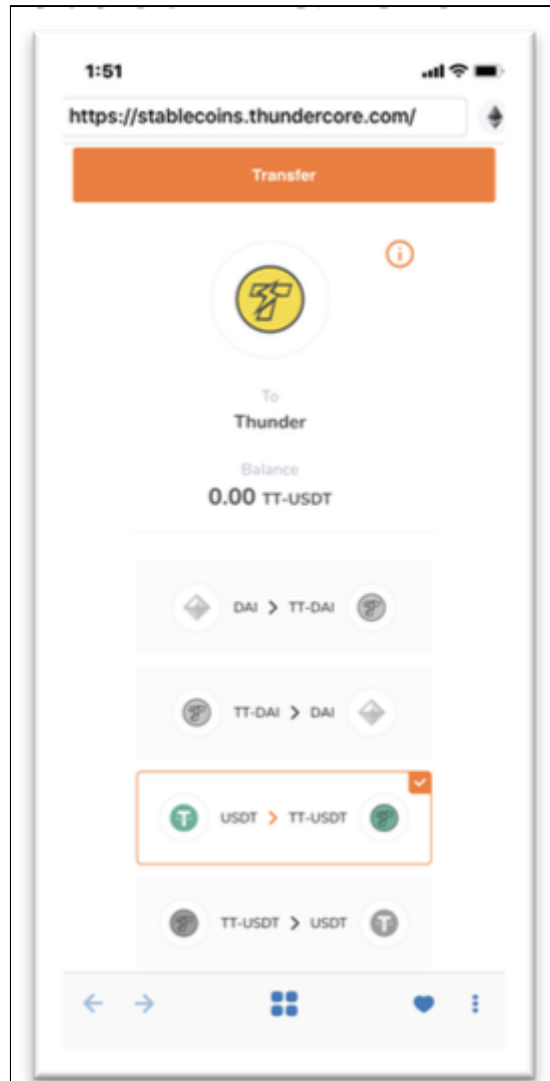
(3) Navigate to: <https://bridge.thundercore.com/eth/>



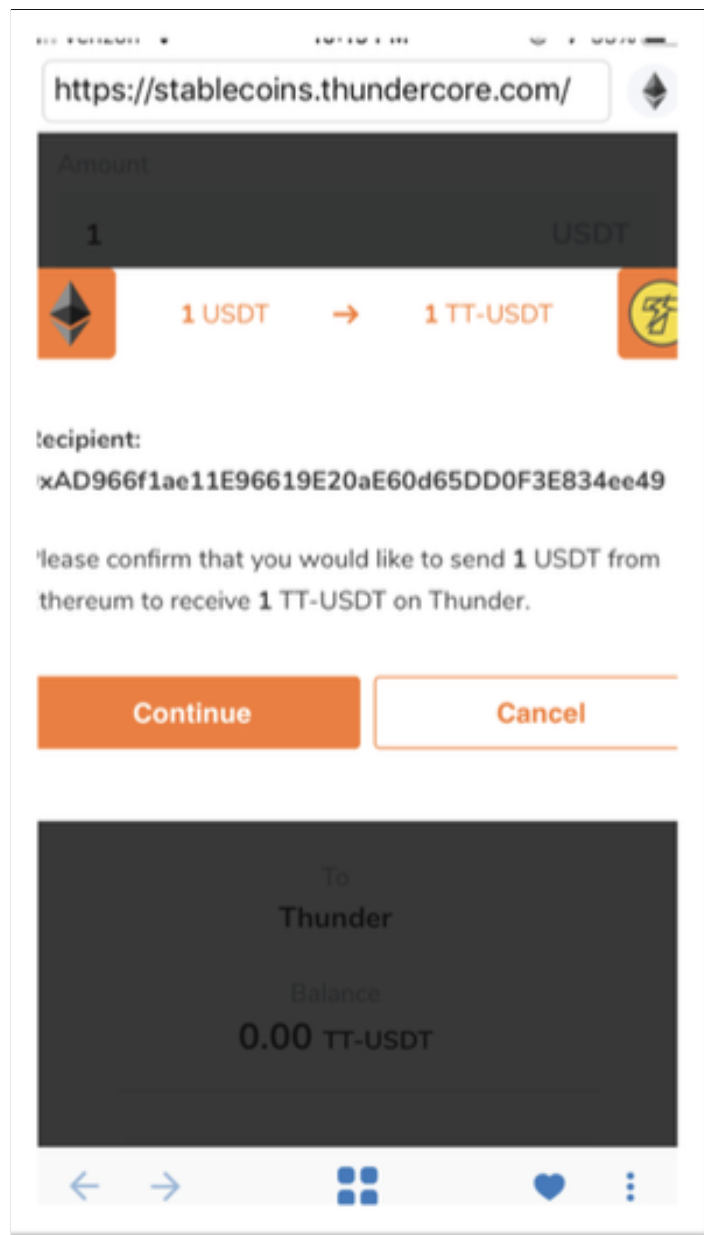
- (4) Input amount of USDT
- (5) Input your ThunderCore Wallet Address



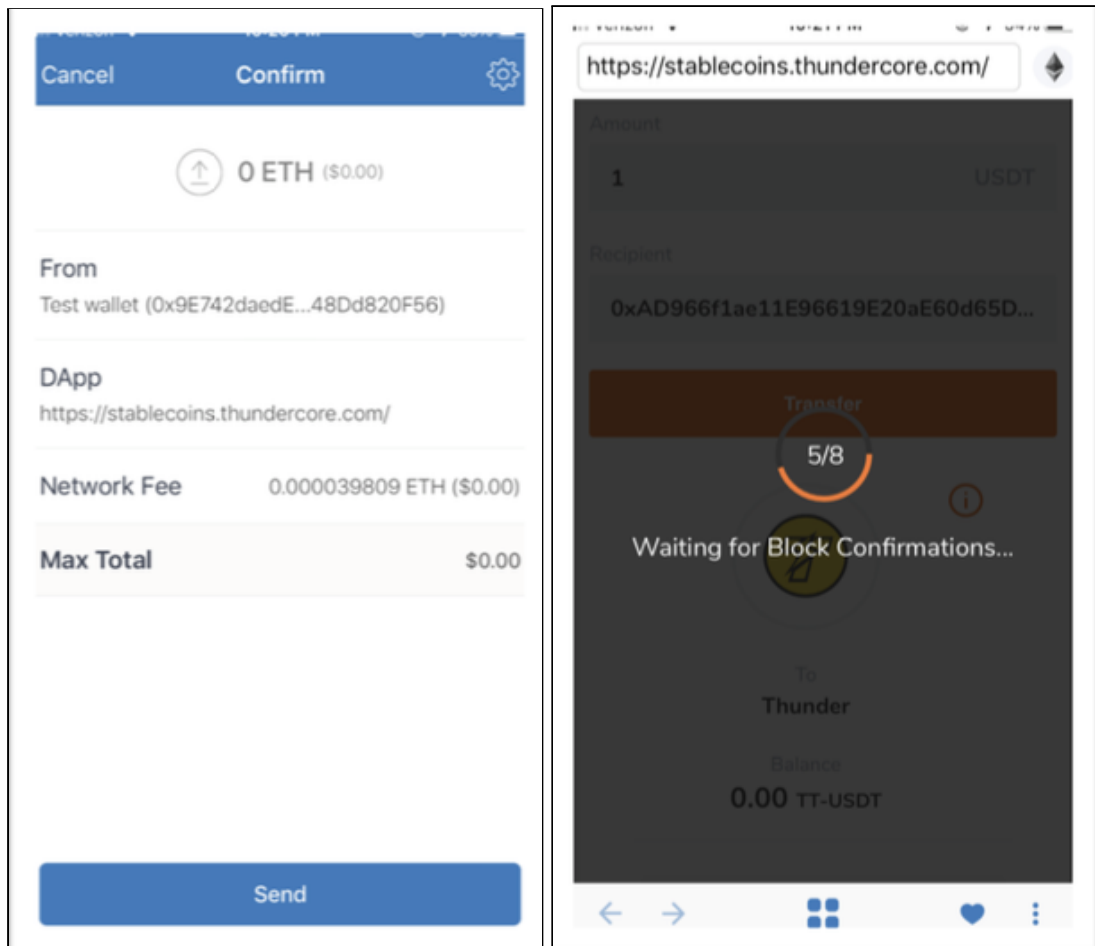
- (6) Verify USDT bridge is selected
- (7) Select "Transfer"



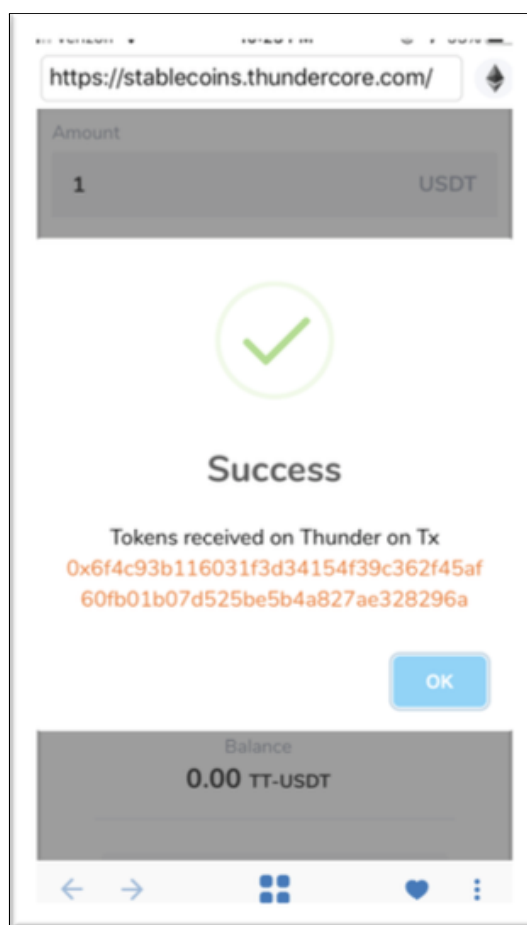
(8) Verify Address and select “Continue”



- (9) Confirm transaction on Trust Wallet by selecting "Send"
- (10) The transfer is now in progress. You will need to wait for the Block Confirmation. This can take several seconds



(11) Your transaction is complete. Select “OK” to return to your wallet



The transfer process of USDC / WBTC / ETH / ERC20-TT is the same as that of USDT.

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