

Mobile:

Setup instructions for Hands on Crypto

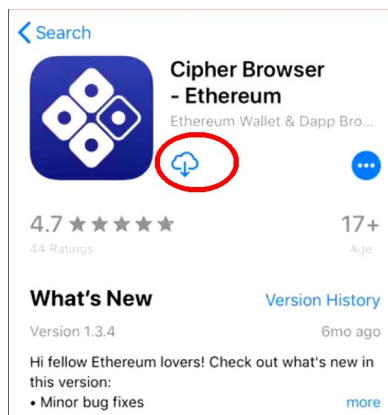
Takes 5 mins to complete. Example taken from: medium.com/cryptostrikers/

One sentence summary of steps: Install the [Cipher Browser](#) and create an account.

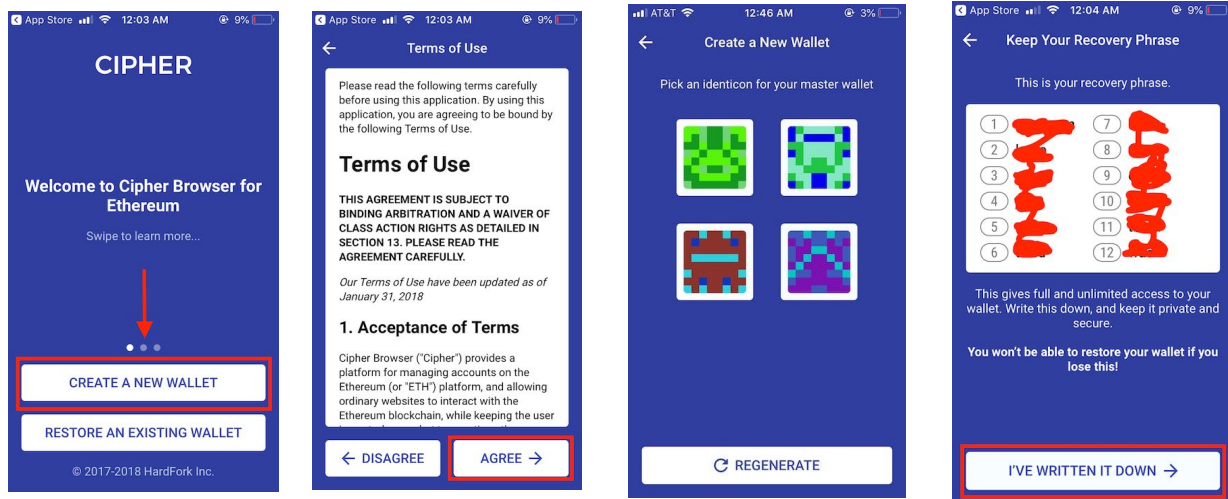
Set up a mobile crypto wallet and dApp browser

There are many crypto wallets and dApp / smart contract browsers. I recommend Cipher Browser (or Trust browser). Cipher is developed by Coinbase and the one we will look at in this tutorial, because it supports TestNets.

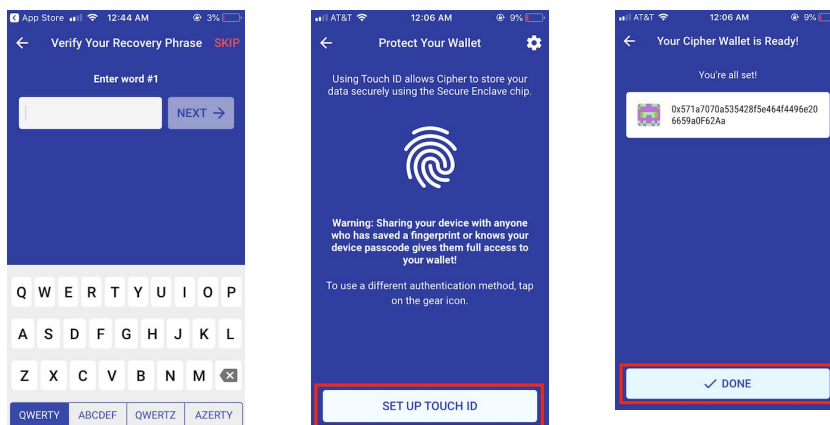
In order to install Cipher go to their website <https://www.cipherbrowser.com/> and install it either for iOS or Android (or search for it in the App Store / Google Play).



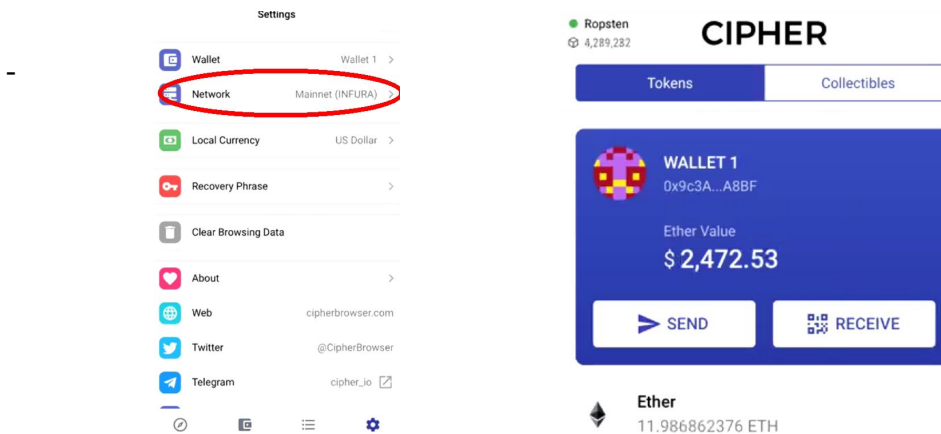
- 1 Click **Create A New Wallet**.
- 2 You must agree with the terms of service to continue.
- 3 You'll be asked to pick an identicon for your wallet before it is generated.
- 4 Write down your 12 word recovery phrase before moving to the next step.



- 5 Verify each of the 12 words.
 - 6 iOS users will be prompted to set up TouchID.
- ✓ Your wallet will then be created.



Congratulations! Cipher is setup. Now we need to change from the Mainnet to the Ropsten Testnet. You can do that by pressing the **Settings cogwheel at the bottom right**, and then pressing **Network** and change to **Ropsten Testnet**.

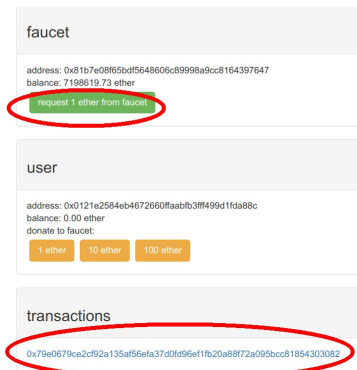


Now you can send and receive Ether as well as interact with Smart Contracts, Decentralized Applications, and browse Web3.0 both on your computer and your mobile phone!

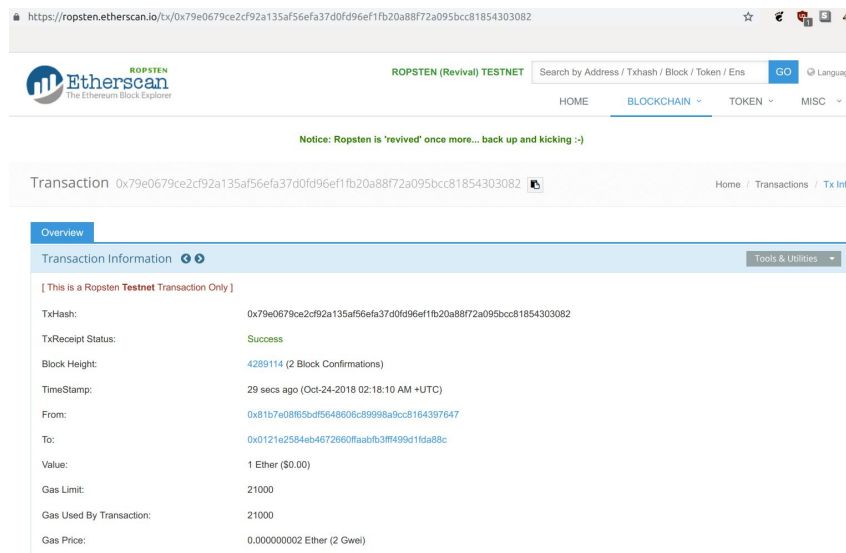
Faucets: Get some test Cryptocurrency to your account

Now it's time to get some cryptocurrency into your account. Since we are using a test network we can request Ether from a so called faucets. A Ropsten faucet hosted by MetaMask is located on this website <https://faucet.metamask.io/>

If everything is setup correctly you just need to press **request 1 ether from faucet**.



After that a link to your transaction will be shown at the bottom of the page. You can press it, and inspect the transaction on Etherscan (includes information about sender, receiver, block # etc.)

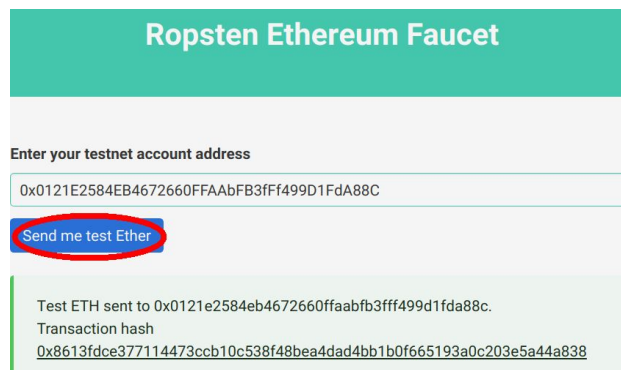


The screenshot shows the Etherscan website interface for the ROPSTEN (Revival) TESTNET. The URL in the browser is <https://ropsten.etherscan.io/tx/0x79e0679ce2cf92a135af56efa37d0fd96ef1fb20a88f72a095bcc81854303082>. The page displays transaction details for a successful transaction. A notice at the top states: "Notice: Ropsten is 'revived' once more... back up and kicking :-)". The transaction information is as follows:

Transaction Information	
[This is a Ropsten Testnet Transaction Only]	
TxHash:	0x79e0679ce2cf92a135af56efa37d0fd96ef1fb20a88f72a095bcc81854303082
TxReceipt Status:	Success
Block Height:	4289114 (2 Block Confirmations)
TimeStamp:	29 secs ago (Oct-24-2018 02:18:10 AM +UTC)
From:	0x81b7e08f65d5f5648606c89998a9cc8164397647
To:	0x0121e2584eb4672660ffaabfb3ff499d1fda88c
Value:	1 Ether (\$0.00)
Gas Limit:	21000
Gas Used By Transaction:	21000
Gas Price:	0.000000002 Ether (2 Gwei)

ALTERNATIVE FAUCET

There are many other faucets you can try to get test ether. One alternative is to copy your Wallet Public Address, then go to <https://faucet.ropsten.be/> and paste your public testnet account address in the field and press **Send me test Ether**.



The screenshot shows the "Ropsten Ethereum Faucet" interface. It has a teal header with the title "Ropsten Ethereum Faucet". Below the header, there is a section titled "Enter your testnet account address" with a text input field containing the address "0x0121E2584EB4672660FFAABFB3FF499D1FdA88C". Below the input field is a blue button with the text "Send me test Ether", which is circled in red. At the bottom, a green box displays the confirmation message: "Test ETH sent to 0x0121e2584eb4672660ffaabfb3ff499d1fda88c. Transaction hash 0x8613fdce377114473ccb10c538f48bea4dad4bb1b0f665193a0c203e5a44a838".

After the block has confirmed (it takes one min) you will have 1 ether in your account! Unfortunately it's not real US Dollars.