

LAB GUIDE – Blockchain Developer Course

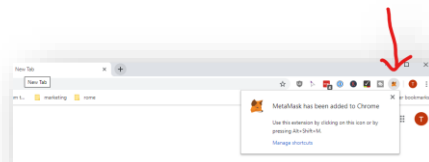
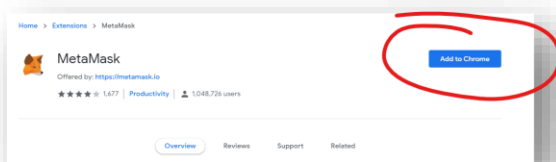
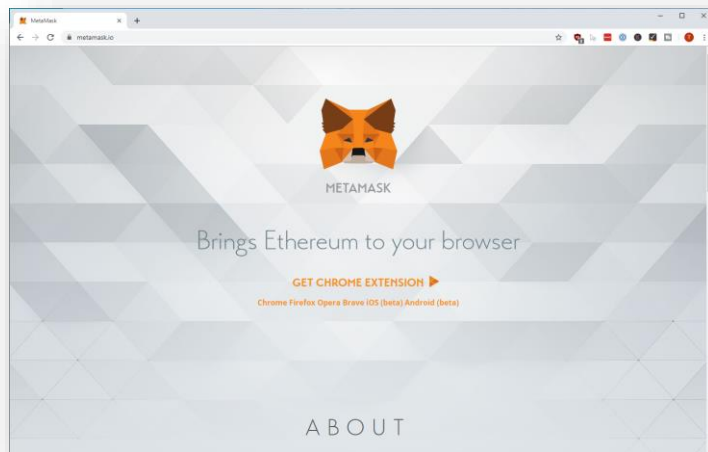
Lab: Download, Install and Use a Wallet to Create a Transaction

Prerequisites:

1. Chrome or Firefox browser.
2. An Internet connection

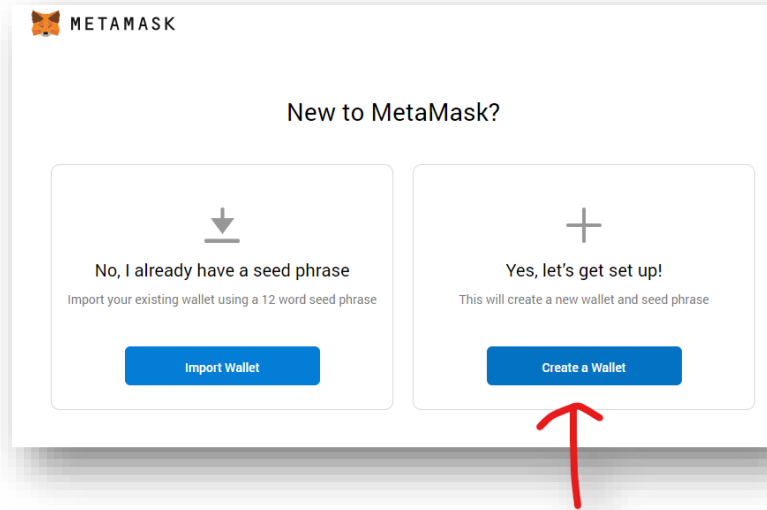
Steps to follow

Open <https://metamask.io> and download the plugin for your browser

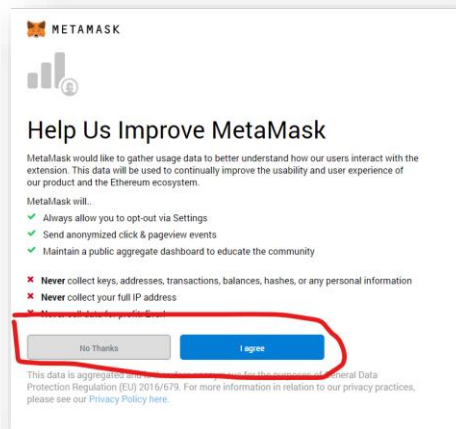


Setup MetaMask


MetaMask will automatically open up a “setup” page. Hit “Begin” and walk through the setup-wizard.



If you want to send statistical information, is totally up to you, both is fine:



Create a new *strong* password. This password is used to encrypt your private keys. What private keys are exactly is discussed in a later section of the course, suffice to say though, they give access to *all your Ether*. So, better have a strong password here:

 METAMASK
[< Back](#)


Create Password

New Password (min 8 chars)

Confirm Password

☐ I have read and agree to the [Terms of Use](#)


It would be better to safely store the secret phrase, but for sake of simplicity, let's just skip this for now:

 METAMASK

Secret Backup Phrase

Your secret backup phrase makes it easy to back up and restore your account.

WARNING: Never disclose your backup phrase. Anyone with this phrase can take your Ether forever.


CLICK HERE TO REVEAL SECRET WORDS

Tips:

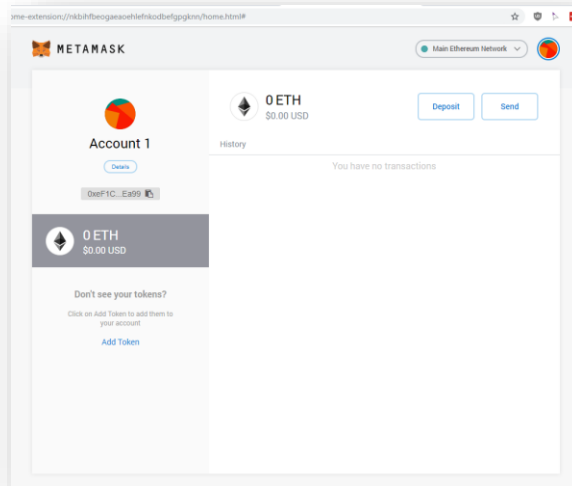
Store this phrase in a password manager like 1Password.

Write this phrase on a piece of paper and store in a secure location. If you want even more security, write it down on multiple pieces of paper and store each in 2 - 3 different locations.

Memorize this phrase.

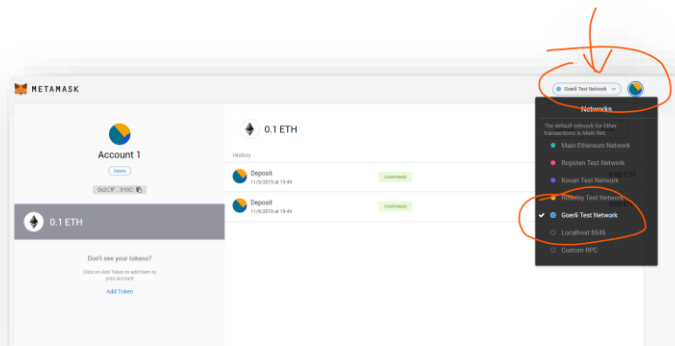
[Download this Secret Backup Phrase and keep it stored safely on an external encrypted hard drive or storage medium.](#)

And you should be greeted with this screen:

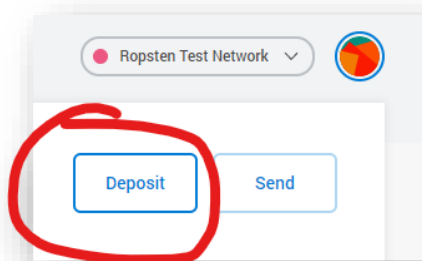


Use MetaMask to transfer Ether

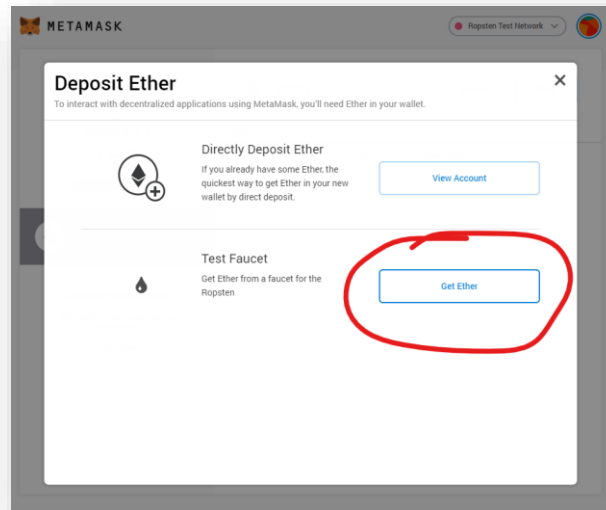
Switch the network to Goerli. Attention here: some of the pictures have “Ropsten” selected, but the Ropsten test-network had a couple of hiccups, so I recommend Goerli instead!



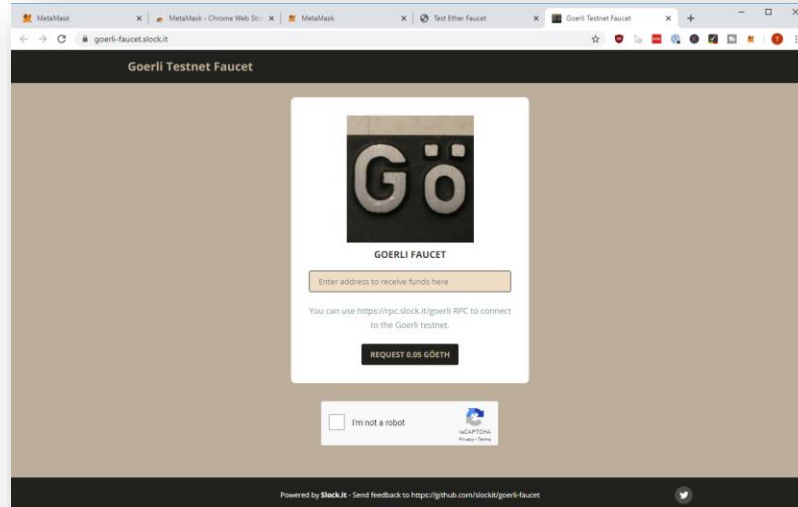
Hit “Deposit”



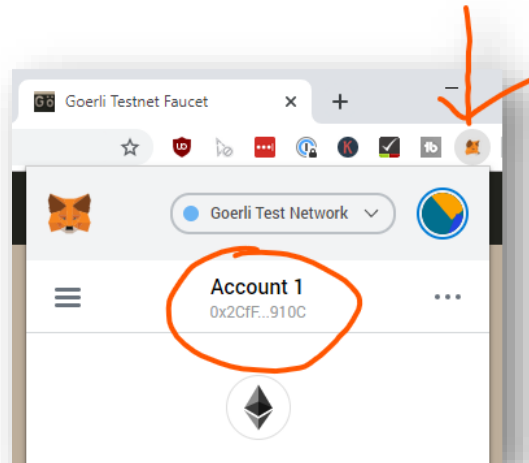
Click on “Get Ether”



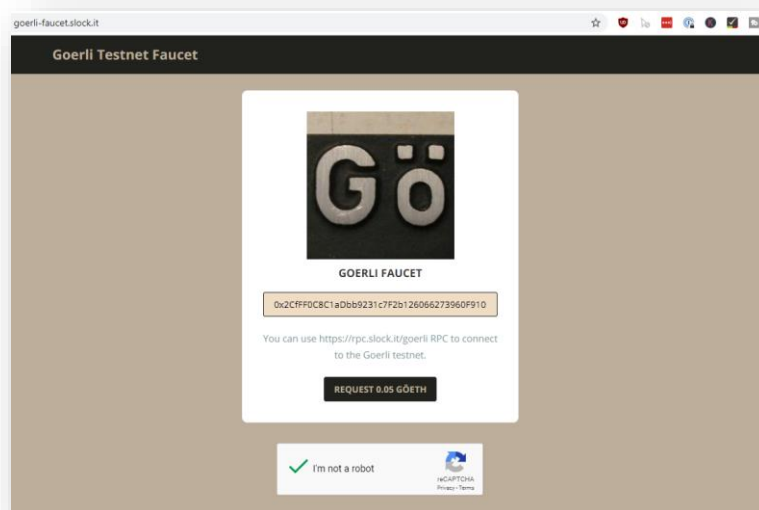
A new website should open up. That's the faucet to get Ether. A Faucet is like a “get free Ether” – site. The Ethers are having no value, they are running under a “test” Blockchain, but they are great for getting your feet wet with transactions and how Wallets work.



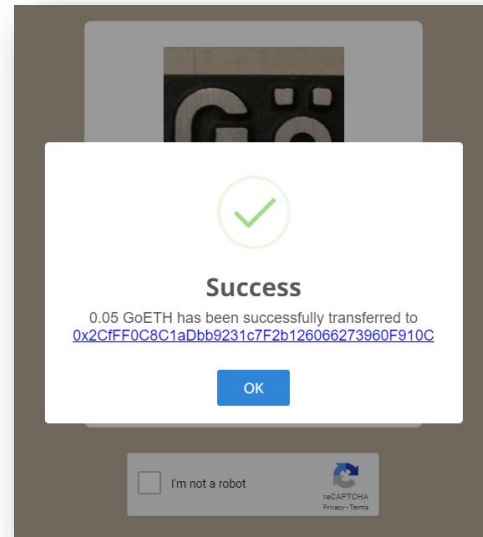
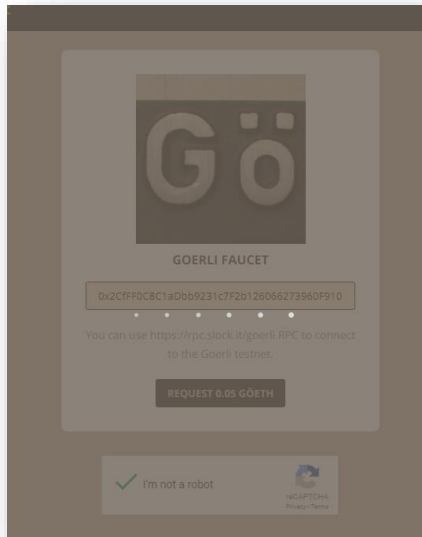
Copy your Address from MetaMask



Paste it into the Goerli Faucet Value Field and hit “I’m not a robot” and “Request 0.05 GÖETH”



Wait until the popup appears...



Click on the link of the transaction and a new tab should pop up to Etherscan.io showing you the details of your transaction

Etherscan
Ropsten Testnet Network

All Filters Search by Address / Txn Hash / Block / Token / Ens

Home Blockchain Tokens Misc Ropsten

Transaction Details

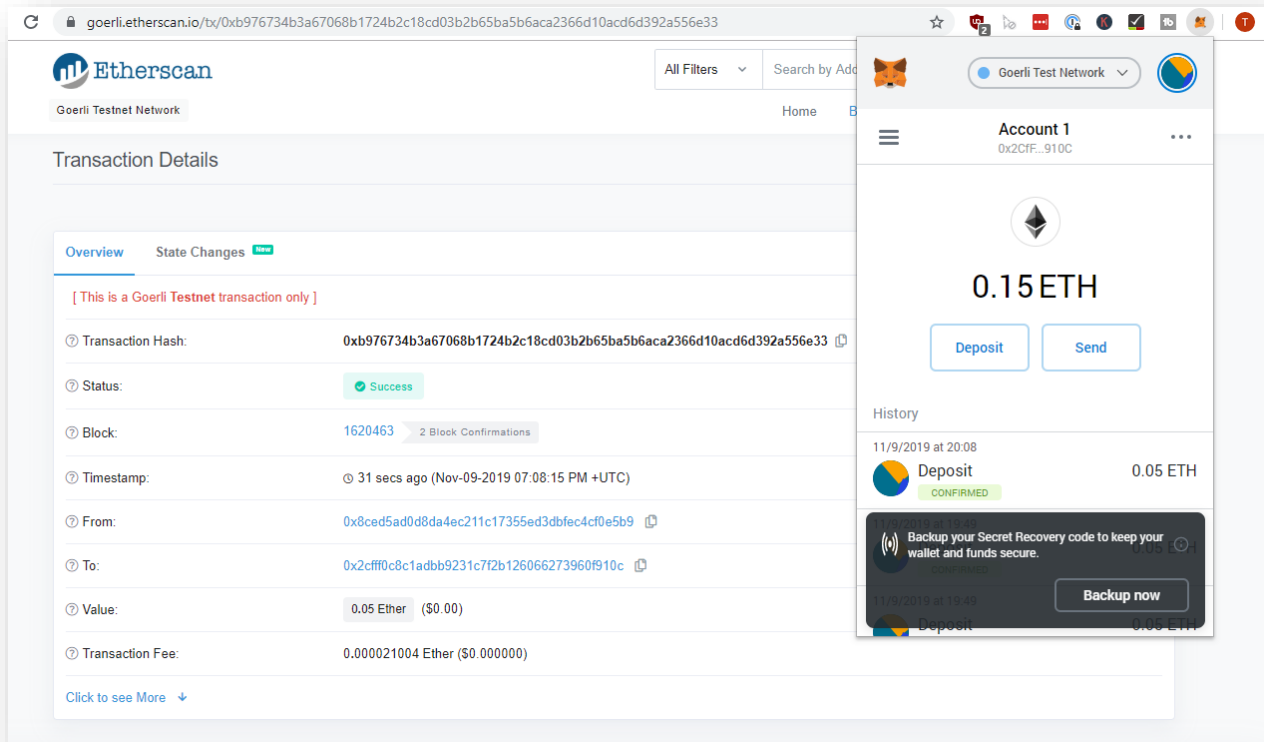
Overview State Changes

[This is a Ropsten Testnet transaction only]

Transaction Hash:	0x402d01021427ee74976243d9069b06c242462625a5337351a1fa95c35bde1b2b
Status:	Success
Block:	6720708 2 Block Confirmations
Timestamp:	43 secs ago (Nov-06-2019 11:24:59 AM +UTC)
From:	0x81b7e08f65bdf5648606c89998a9cc8164397647
To:	0xef1c22eb358504f01ed9ae4c7ebb17ccce68ea99
Value:	1 Ether (\$0.00)
Transaction Fee:	0.000021 Ether (\$0.000000)

[Click to see More](#)

Now open MetaMask from your browser and you should see some ETH in your wallet *on a test-net*.
Note: I have 0.15ETH in my wallet, because I did this procedure 3 times for the screenshots.



Congratulations, LAB is completed

