

Instead of Rinkeby, use the Goerli network for everything. This is 100% interchangeable with Rinkeby, so, there will be no actual difference. Only a few changes will be required.

### Obtaining Test Ether

You will need to obtain test ether from a faucet that is specific to the Goerli Network. Lecture notes have been updated to provide detailed instructions on using two different Goerli faucets:

<https://www.udemy.com/course/ethereum-and-solidity-the-complete-developers-guide/learn/lecture/31342042#questions>

### Etherscan

To view your transaction on the network you can use the Goerli Testnet Explorer on Etherscan just the same as was shown in the course with Rinkeby: <https://goerli.etherscan.io/>

### Infura and Deployment

When adding the Infura URL to your deploy.js, instead of copying the Rinkeby endpoint from the Infura Dashboard, you will need to copy the Goerli endpoint:

The screenshot shows the Infura Network Endpoints dashboard. At the top, there are tabs for 'HTTPS' and 'WEBSOCKETS', and a 'REFINE' button. Below this is a section titled 'GET STARTED WITH WEB3'. The main content area displays a list of networks. The first network is 'Ethereum', labeled as 'L1 Blockchain'. Below the name is a description: 'Ethereum is the community-run technology powering the cryptocurrency ether (ETH) and thousands of decentralized applications.' Underneath the description is a dropdown menu currently set to 'GÖRLI'. To the right of the dropdown is a text input field containing the URL 'https://goerli.infura.io/v3/6021' and a copy icon. A dropdown menu is open, showing a list of networks: 'Mainnet', 'Ropsten', 'Kovan', 'Rinkeby', 'Görli' (highlighted in orange), and 'Sepolia'. To the right of the 'Ethereum' card, there are two other cards: 'Optimism' (labeled 'Ethereum L2/Rollup') and 'Palm' (labeled 'Ethereum NFT Sidechain'). The 'Optimism' card has a 'select' dropdown and a copy icon. The 'Palm' card has a 'MAINNET' dropdown and a copy icon.

What files do I need to update my Infura link?

**Inbox project:**

deploy.js file

**Lottery project:**

deploy.js file

**Kickstart project:**

ethereum/deploy.js

ethereum/web3.js

**Where do I need to update a deployed contract address?**

**Kickstart Project**

ethereum/factory.js

**Obtaining More Test Ether from Recommended Faucet**

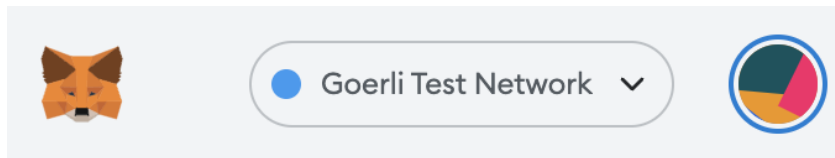
**Reminder** - Due to the recent [merge](#) the Rinkeby Network no longer exists. Instead, will want to use the Goerli network for everything in this course. This is 100% interchangeable with Rinkeby, so, there will be no actual difference. Please follow the instructions below to obtain some test Ether to use in the course.

The faucets available to obtain test Ether from will change very, very frequently. Some faucets that are stable for a long time may begin to suffer network outages or stop funding due to excessive demand. This note will provide instructions on how to use a faucet that is currently working best to fund the most amount of requests for test Ether.

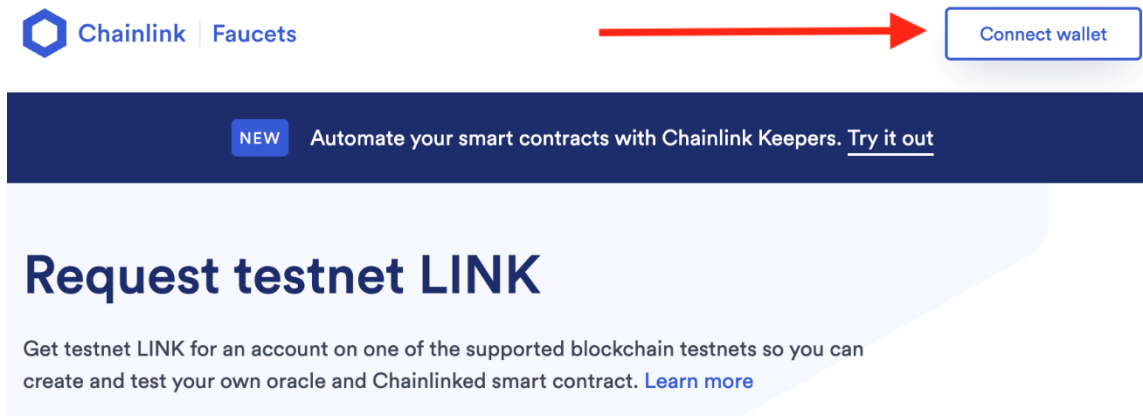
Since we will be using the Goerli Network instead of Rinkeby, you will need to use a Goerli faucet. There are two options we recommend for obtaining the test Ether. If one does not work, please try the second option.

**Option #1**


1. Visit <https://faucets.chain.link>
2. Make sure you are signed into Metamask in your browser, and the **Goerli Test Network** is selected:



3. Temporarily disable any other wallet extensions you may have running in the browser (such as the Coinbase wallet). These wallets will cause a conflict with Metamask when trying to obtain funds.
4. Click the **Connect wallet** button in the top right corner of the page:



5. Click the **Login via Twitter** button to authenticate with your Twitter account.
6. Check the **I am human** box and solve the Captchas.
7. Click **Send request** (Important - You'll probably want to make three requests to get at least **0.3 Ether** to use in the course. You can always come back for more on another day if you need)

 Your wallet is connected to Ethereum Görli, so you are requesting Ethereum Görli LINK/ETH.

**Wallet address**

**Request type**

☐ 20 test LINK


☒ 0.1 test ETH

**Verify you're human** ⓘ  


Login via Twitter

**Verify request**

☐ I am human

  
hCaptcha  
Privacy - Terms

Send request

 Need more testnet ETH? Get ETH from [Ethereum Görli Faucet](#)

8. After a few seconds or minutes, you should see a notification that the transaction was successful.
9. You should then be able to see your Metamask balance increase.

## Option #2

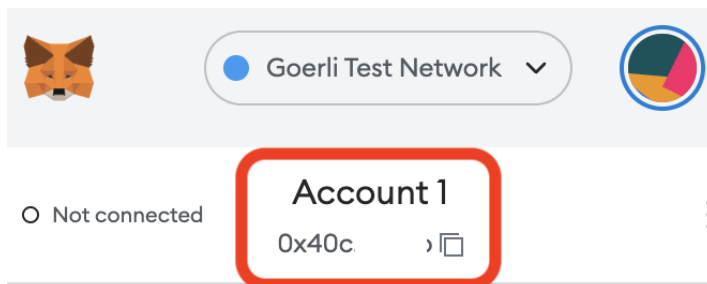
1. Visit <https://goerlifaucet.com/>
2. Register for a free Alchemy account
3. You should automatically be taken into an onboarding flow. If not you can find the Complete Onboarding button at the top right-hand of your screen:

Please finish setting up your Alchemy account 

Complete Onboarding

4. You will be prompted to create a team. You may enter any value you wish.

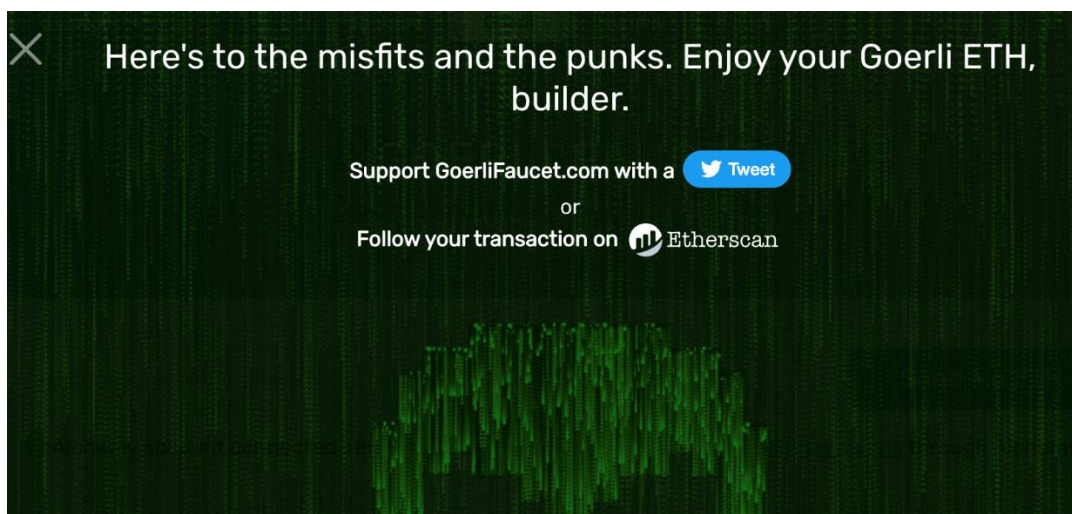
5. The next prompt will be the type of project you are building. We are just requesting ether, so, you can put anything you'd like here.
6. At the Let's choose your chain prompt, select **Ethereum** and click **Next**.
7. Select the **Free** plan
8. At the credit card payment form, click **Skip for now**.
9. Enter anything into the How did you hear about us prompt and click **Let's Build**.
10. You will be redirected back to the Goerli faucet landing page.
11. Go to the **Metamask** extension in your browser and make sure you are signed and the **Goerli Test Network** is selected. Then, copy the account address that is listed:



12. Paste your account address into the form on the Goerli faucet landing page and click **Send me ETH**:

A screenshot of the Goerli faucet landing page. It features a light purple background. At the top, there's a search bar with the placeholder text 'Enter Your Wallet Address (0x...) or ENS Domain'. To the right of the search bar is a blue button with white text that says 'Send Me ETH'. Below the search bar, there's a green checkmark icon followed by the text: 'Alchemy account connected, receive 0.25 Goerli ETH! Get 2x ETH by [sending requests](#) through Alchemy!'. The entire form area is enclosed in a light purple border.

13. You will be redirected to a random screen with a link to click if you wish to view the transaction on the Georli testnet explorer:



14. You may exit this now. After a few seconds or minutes, you should see your Metamask balance increase:

