**Sending your First Transaction Tenderly**

**Sending Your First Transaction**

In this lesson, we'll set up a new virtual testnet and send our first transaction. We'll be using the testnet provided by Tenderly, which lets us simulate sending real transactions without using actual money.

**Setting Up a Virtual Testnet**

1. Go to the [Tenderly](https://tenderly.co/?mtm_campaign=partner&mtm_kwd=cyfrin) website.
2. Click the **Sign Up** button in the top right corner.
3. Enter your **Email**, **Username**, and **Password**.
4. Click **Create Account**.
5. You'll be taken to the Tenderly dashboard. Click **Skip personalization**.
6. On the left side of the page, find the **Virtual TestNets** section and click it.
7. Click **Create Virtual TestNet**.
8. We'll make a few configuration choices.
9. Under **General**, choose **Sepolia** for the parent network. We could select **Ethereum Mainnet**, but it doesn't really matter.
10. Give your testnet a **Name**. I'll call mine my-chain.
11. Under **Chain ID**, select **Custom** and enter 111555111. You can choose **Default** to keep the original chain ID.
12. Under **Public Explorer**, select **Off** to restrict access for now. You could leave it at **Fork** or **On**.
13. For **State Sync**, choose **Use latest block**.
14. Click **Create**.
15. A message will pop up from Tenderly, asking us to send a message with CYFRIN2024 to extend our free trial. Send the message.
16. You'll see your new virtual testnet, my-chain, has been created.
17. Click **Add to Wallet** next to your virtual testnet's name.
18. Your MetaMask window will appear. Click **Connect**.
19. Your virtual testnet should now be added to MetaMask.

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1. In MetaMask, go to the **Tokens** tab.
2. Click the account drop-down menu and create a new account.
3. Click **Add account** and name it, e.g. Account 2.
4. Back in the account drop-down menu, you'll see Account 1 with some funds and Account 2 with zero funds.
5. Click the **Send** button in MetaMask.
6. We'll send money from Account 1 to Account 2. You can either click the Account 2 button or paste in Account 2's address. I'll just click the button.
7. Enter the amount of ETH you wish to send, e.g. 1 ETH.
8. Click **Continue**.
9. A review of the transaction will pop up. Click **Confirm**.
10. You'll see your transaction in a pending state.
11. After a short delay, the transaction will be confirmed.
12. In MetaMask, go back to the **Tokens** tab. You'll see that Account 1 now has 999 ETH and Account 2 has 1 ETH.
13. Go back to the Tenderly dashboard.
14. Go to the **Explorer** tab.
15. You'll see a list of all the transactions that have been sent. Any transactions that are grayed out are from the forked chain and can be ignored for now. The latest transaction that is not grayed out is the transaction we just sent.
16. Clicking on the transaction lets you view all the details, including the addresses of the sender and receiver, the amount sent, the timestamp, and the raw data.

You've successfully sent your first transaction! Congratulations! This is exactly how you'd send money on the Ethereum network. This is a simulation, but you should be proud of yourself.

**Conclusion**

In this lesson, we learned how to set up a virtual testnet on Tenderly and send a transaction using MetaMask. We learned how to configure the virtual testnet and how to view the details of our transactions. This gives us the tools to test our smart contracts without risking real money. You are now ready to move on to the next lesson!