

Instructions for Windows 10:

Step One: bring up the wormhole solana bridge UI:

Install WSL (Windows subsystem for Linux)

I followed this tutorial to install WSL 1 (I don't think WSL 2 is necessary)

<https://docs.microsoft.com/en-us/windows/wsl/install-manual#step-3---enable-virtual-machine-feature>.

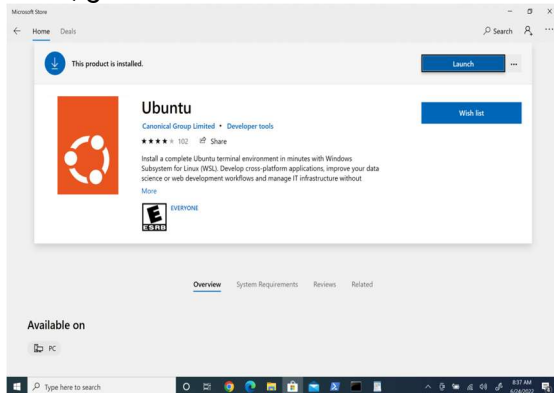
Specifically, steps 1 & 6.

Open PowerShell **as Administrator (Start menu > PowerShell > right-click > Run as Administrator)** and enter this command:

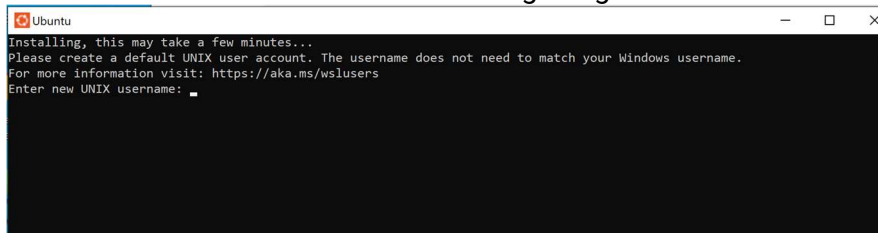
```
dismb.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart
```

& restart your machine.

Then, go to the Microsoft Store and install Ubuntu (if you don't have it installed already):

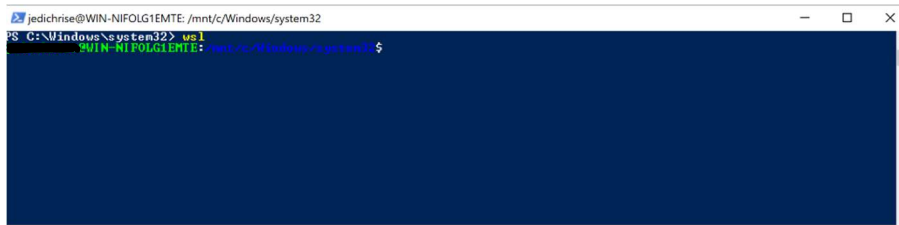


Launch ubuntu & it should start installing things:



set up your username and password. close ubuntu terminal.

Right click on the powershell icon and choose "Run as Administrator" mode. you should be able to type "wsl" in the windows powershell.



Run the rest of the commands in this terminal.

install nodejs for your platform if not already installed

<https://nodejs.org/en/download>

*** after I downloaded and installed the windows nodejs package, I still couldn't sudo npm anything... then found out that I needed to take further steps to install npm (<https://stackoverflow.com/questions/47371904/e-unable-to-locate-package-npm>):

```
curl -sL https://deb.nodesource.com/setup_14.x | sudo -E bash -
sudo apt-get install -y nodejs
sudo apt-get install -y build-essential
```

Now the following install commands should run:

```
# clone repo from https://github.com/solana-labs/oyster
git clone https://github.com/solana-labs/oyster.git
```

```
cd oyster
```

```
# install yarn and lerna globally
sudo npm i -g yarn
sudo npm i -g lerna
```

```
# follow instructions from README but substitute npm with yarn
yarn bootstrap
lerna exec yarn install --scope @oyster/common
lerna exec yarn
lerna exec yarn --scope bridge
lerna exec yarn --scope @solana/bridge-sdk
```

```
# to compile & kick off the UI:
cd packages/bridge
yarn start
```

```
website should default load in:
localhost:3000
```

***When the website launched, it just hanged. I tried navigating to <http://localhost:3000/#/move?from=ETH&token=WBTC> But the website was still hanging... the powershell terminal looked like this:

```
Administrator: [redacted]@WIN-NIFOLG1EMTE: ~/oyster/packages/bridge
Starting the development server...
Browserslist: caniuse-lite is outdated. Please run:
npx browserslist@latest --update-db
Why you should do it regularly:
https://github.com/browserslist/browserslist#browsers-data-updating
```

After typing Control-C in the terminal...

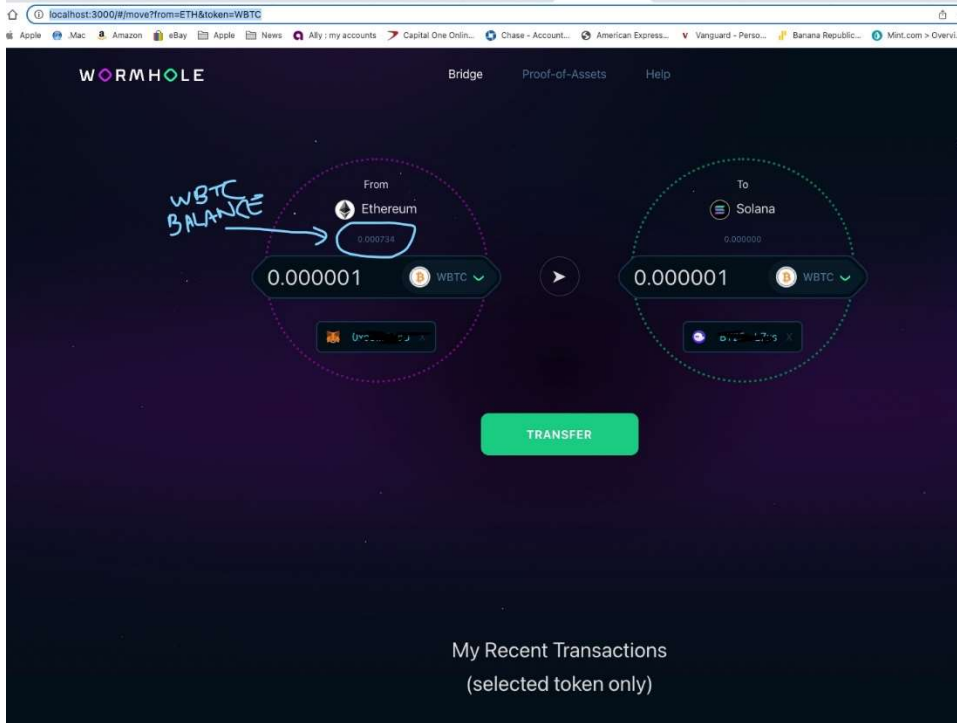
```
Administrator: [redacted]@WIN-NIFOLG1EMTE: ~/oyster/packages/bridge
./src/contexts/market.tsx
Line 45:23: 'setDailyVolume' is assigned a value but never used @typescript-eslint/no-unused-vars
./src/components/TokenSelectModal/index.tsx
Line 56:6: React Hook useMemo has missing dependencies: 'ethTokenMap', 'tokenMap', and 'userAccounts'. Either include then or remove the dependency array react-hooks/exhaustive-deps
./src/views/wbhtc-debug.tsx
Line 72:3: 'getMultipleAccounts' is defined but never used @typescript-eslint/no-unused-vars
Line 75:21: Arrow function expected a return value array-callback-return
Line 132:21: Arrow function expected a return value array-callback-return
./src/hooks/useOrphanAccounts.tsx
Line 89:24: Expected to return a value in arrow function array-callback-return
Line 239:9: Unexpected empty array pattern no-empty-pattern
Line 298:18: Expected to return a value at the end of arrow function array-callback-return
Line 330:31: Expected to return a value in arrow function array-callback-return
Line 364:6: React Hook useCallback has missing dependencies: 'coinList', 'ethTokens', and 'tokenMap'. Either include then or remove the dependency array react-hooks/exhaustive-deps
./src/hooks/useOrphanTransactions.tsx
Line 8:3: 'useUserAccounts' is defined but never used @typescript-eslint/no-unused-vars
Line 18:3: 'AccountInfo' is defined but never used @typescript-eslint/no-unused-vars
Line 20:3: 'ParsedAccountData' is defined but never used @typescript-eslint/no-unused-vars
Line 23:3: 'RpcResponseHandlerContext' is defined but never used @typescript-eslint/no-unused-vars
Line 96:30: Expected '===' and instead saw '=='
Line 142:7: 'queryWrappedMetaTransactions' is assigned a value but never used @typescript-eslint/no-unused-vars
Line 257:30: Expected '===' and instead saw '=='
Line 283:29: '_' is assigned a value but never used @typescript-eslint/no-unused-vars
Line 354:6: React Hook useEffect has a missing dependency: 'bridge'. Either include it or remove the dependency array react-hooks/exhaustive-deps
Line 407:6: React Hook useCallback has missing dependencies: 'ethTokens' and 'tokenMap'. Either include them or remove the dependency array react-hooks/exhaustive-deps
Search for the keywords to learn more about each warning.
To ignore, add // eslint-disable-next-line to the line before.
```

Now the website: <http://localhost:3000/#/move?from=ETH&token=WBTC> loads!

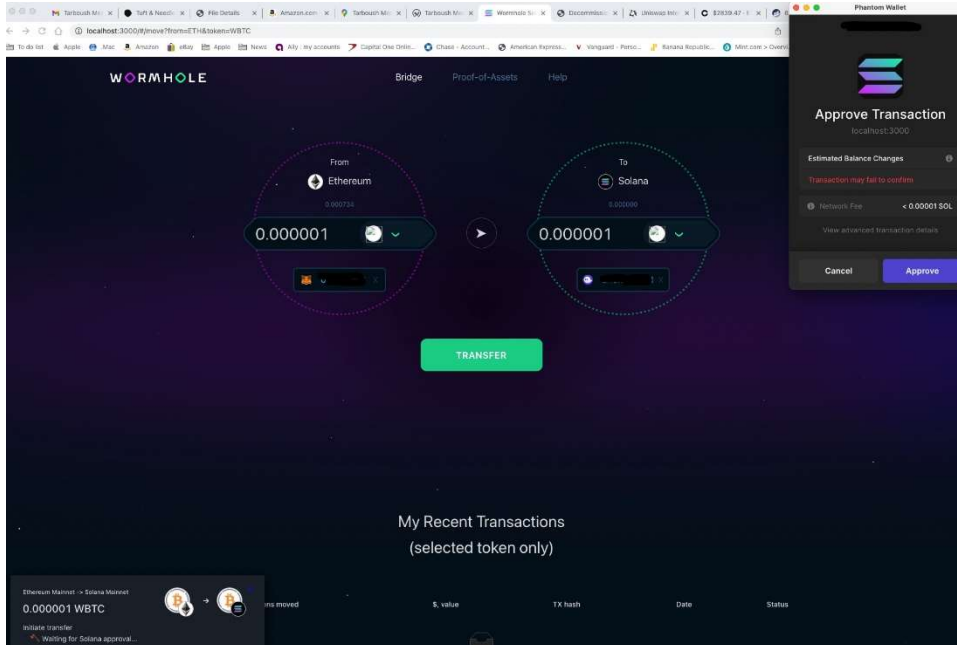
Step Two: set up the "fake" transfer to create your associated token address for WBTC on solana...

1. Connect both metamask AND phantom. I think you used this wallet initially for the transaction: 0x15F5C356656aBba5a4B51F342B65a2b0eD36AB71. It has WBTC in it, which you'll need for this fake transfer.
2. Click on the token icon and type WBTC. It won't show up on the list, but hit enter anyway. (it didn't show up for me initially either. It was literally a white circle with no icon in it.

3. But (hopefully) you see that on the ethereum side, you see your WBTC balance (see photo with terrible handwriting)



4. Put in some super small amt in the "Amount" field on the eth side. Then Hit transfer.
5. A Phantom wallet confirmation will pop up. This is to create that associated token account. Hit approve. Then REJECT ALL FOLLOWING METAMASK POPUPS. You don't need them.



6. Now the WBTC icons might be filled in (like in the first photo). Now Leo should be able to try to resubmit the VAA for you.

7. The last step is probably sending the WBTC back across the v1 bridge. 😞 But you've already set up the UI so now update the link to be:

<http://localhost:3000/#/move?from=SQL&token=WBTC>

& hopefully the tokens and balances will show up.

BUT PLEASE SEND A SMALL AMOUNT FIRST TO TEST IT.