

ReEntrancy Exercise 2

Intro

There is a new NFT project with a lot of hype around it. It's called SuperDuperApes!

Only 50 unique Apes will be minted to the loyal community members of the Apes community.

1 Ape mint per wallet.

You were lucky enough to be chosen and become one of those 50 people since you contributed to the Apes community.

There is a smart contract `ApesAirdrop.sol` that allows you to mint ONLY 1 NFT, your goal is to hack the smart contract and mint for yourself all the 50 NFT and become Super Duper Rich Ape.

Accounts

- 0 - Deployer & Owner
- 1 - User 1
- 2 - User 2
- 3 - User 3
- 4 - User 4
- 5 - Attacker (You)

Tasks

Task 1

Bypass the 1 Ape per Wallet restriction and make sure you mint ALL the apes for yourself.

Task 2

Protect the `ApesAirdrop.sol` smart contract so your attack wouldn't succeed.

Task 3

Find two additional ways to protect the smart contract.