

# Oracle Manipulation 1

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## Intro

SynthGold is a new synthetic assets derivatives protocol that allows users to trade on-chain synthetic gold tokenized asset.

The protocol uses a special off-chain oracle service to determine the gold price at any moment.

The gold price is based on three trusted Oracle sources:

```
0x4aC89064Fa0d03De57f802feC722925b4502572A  
0x96574c0392112CbEe134eb77e76A183d54A7c18f  
0xA7804BB057EBB7D0c0a3C7F4B8710AE854525fd4
```

Anyone can buy or sell gold from and to the exchange based on the Oracle price.

When a user buys gold from the exchange, gold tokens are minted.

When a user sells gold to the exchange, gold tokens are burned.

Recently, you managed to get your hands on a password protected zip file ([leaked.zip](#)) that belongs to the exchange developer, that might be helpful 🤔

You (attacker) start with 1 ETH in balance.

## Accounts

- 0 - Exchange Deployer
- 1 - Attacker (You)

## Tasks

### Task 1

Steal all the ETH reserves from the SynthGold exchange to your attacker EOA account.