## Enter multiple positions from 1 token

When using a Smart Wallet, there's no need for token approvals! In this example, we have a smart wallet (e.g. Gnosis Safe, Enso Smart Wallet) that is holding WETH(opens in a new tab) and wants to

- 1. Deposit 1 WETH into Yearn for yvWETH(opens in a new tab)
- 1. Deposit 1 WETH intoBalancer B-80BAL-20WETH pool(opens in a new tab)
- 1. Deposit 1 WETH into Beefy Aura wstETH-ETH(opens in a new tab)

## Set Smart-wallet address

If you know your smart wallet address, you can skip this step. You will need to set the smart wallet address in the from Address field. If you are using an Enso Smart Wallet, and don't remember the address you can fetch using the metadata API (command below). If you know your address or you are using another smart wallet such as Safe, you can skip to the next step.

curl

-X

'GET' \ -H

"Accept: application/json" \ "https://api.enso.finance/api/v1/wallet?chainId=1&fromAddress=" \ It returns the following:

{ "address" :

"0xD6A4217CF6A3587B4E33e9a59C52BF57469e713a",

// Enso Smart Wallet Address "isDeployed" :

true }

## Step 2: Execute

## **Execute: Build actions**

We are using the Route action inside of the Bundle endpoint as this action compares the best execution route for token amount out, and gas execution price. For example, it might be better to purchase yvWETH on a secondary exchange than directly depositing it depending upon the exchange rate of that token on the secondary market

curl

-X

POST \ -H

"Content-Type: application/json" \ -H

"Authorization: Bearer 1e02632d-6feb-4a75-a157-documentation" \ --data

{ "chainId" :

1 . "createdAt" :

17707569 , "bundle" : [ { "protocol" :

"enso" . "action" :

"route", "args": { "tokenIn":

"0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2", "tokenOut":

"0xa258C4606Ca8206D8aA700cE2143D7db854D168c", "amountIn":

"100000000000000000" } } , { "protocol" :

"enso", "action":

"route", "args": { "tokenIn":

"0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2" . "tokenOut" :

"0xe0d5f9da3613c047003b77caa31270abe3eda6b0", "amountIn":

"100000000000000000" } } , { "protocol" :

"enso" . "action" :

"route", "args": { "tokenIn":

"0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2", "tokenOut":

"0x6b175474e89094c44da98b954eedeac495271d0f", "amountIn";

"1000000000000000000" } } ] , "tx" : { "data" :

"0x7fEA6786D291A87fC4C98aFCCc5A5d3cFC36bc7b", "from":

"0x57757E3D981446D585Af0D9Ae4d7DF6D64647806", "value":

"0" "chainId" :

1 } } Thedata value contains the bundle calldata to be submitted to the user.

Enter a position from 1 token Getting started