

# Stake Bridge

By Web3Xplorers



# Problems



## DeFi

- Emerging chains aren't designed for DeFi yet
- DeFi adoption issue



## Validator

- High stake concentration with top validators
- No automatic rewards payment



## Ecosystem


- Validators may be failure-prone or malicious
- Early critical DeFi infra




## Delegators

- No instant reward withdrawal
- Trust-based reward model
- A need for stable and secured yield

# Demo

StakeBridge

StakeBridge Demo | ETHKL 2023

0x18dE4...  
Share

Transfer your assets across multiple chains

From

Ethereum

To

Mantle

I want to transfer from Ethereum


stETH

0.1

And receive on Mantle

sbETH

0x18dE498901316467c8E8379064919B0f8a2B2846

Fill with 

Bridge Fees

Relayer Gas Fees

Estimated Wait Time

Maximum Transfer Amount


0

0.01994 stETH

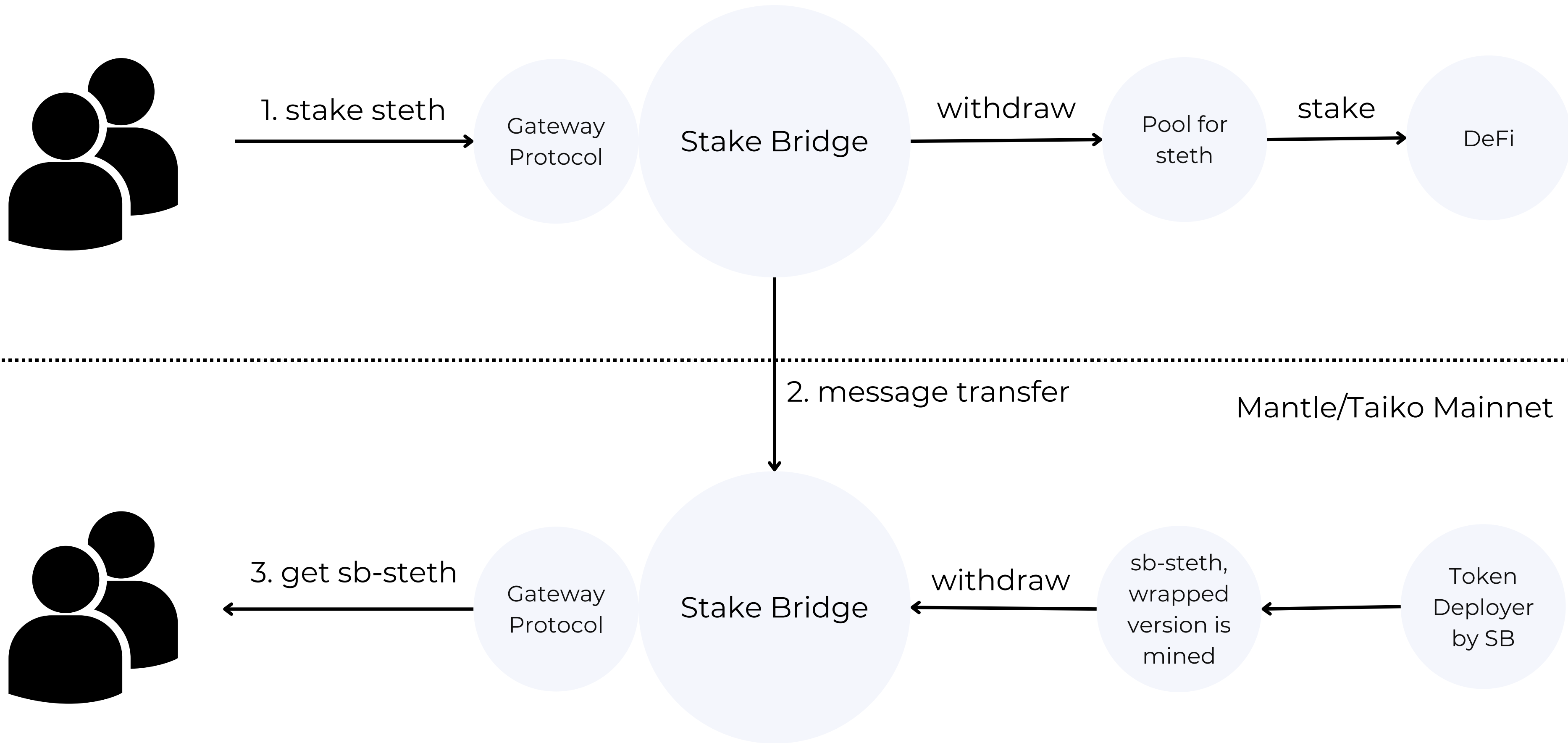
~20 minutes

500 stETH

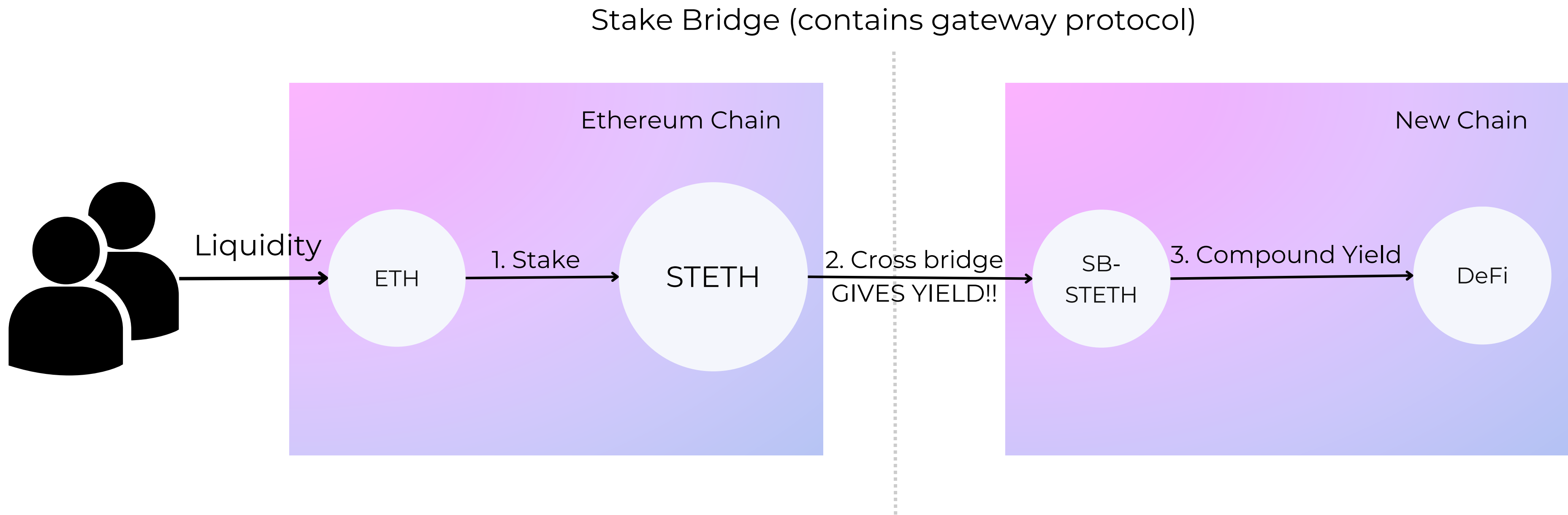
TRANSFER

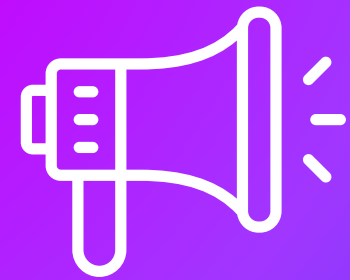
Watch on  YouTube

## User flow



# Liquidity Model





## Benefits

01

Instant reward withdrawal

02

Receive compound rewards  
on Staking + DEFI

03

Exchange for tokens that are accessible  
in different chains



# Tech Stack

MUI

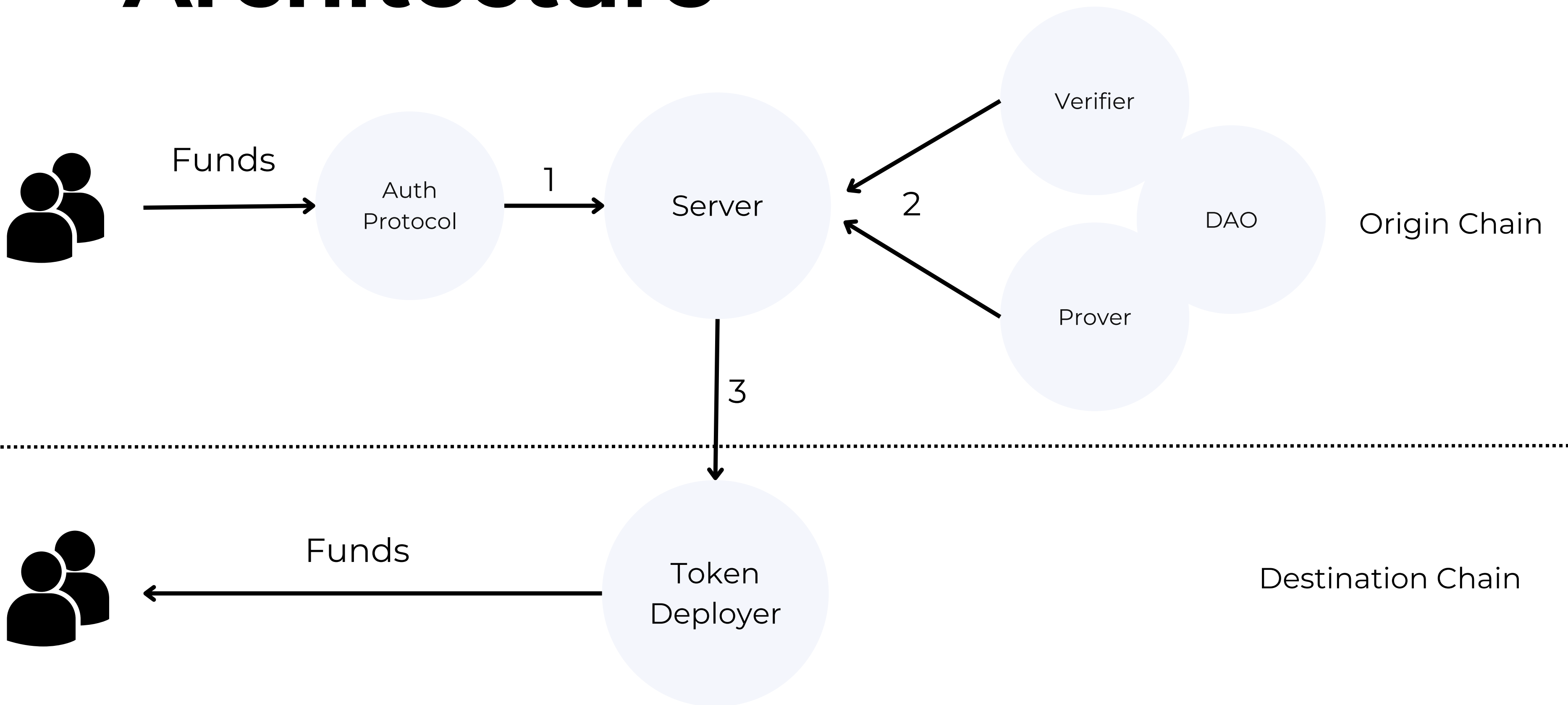
Solidity

Hardhat

Next.js

Ethers.js

# Architecture







# Thank you

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