主要合约资金来源
资金(Tx fee + User monery swap into myst)

Address
0xe0476B717CeD0Bd48141910Acf04511dAaf8ac58

Swap Exact Token for ETH → QuickSwap
0xa5E0829CaCEd8fFDD4De3c43696c57F7D7A678ff ↔ Uniswap Router ~~V4~~
0x1095692a6237d83c6a72f3f5efedb9a670c49223

461.34497241 POL

Call Topup Native (50 POL) method
频率: 大概一天一次
Call Topup Token (6000 MYST) method

TopperUpper
0x8E7954CefD9fe7b8f8826881571553AcAD7E5191

Transfer 50 POL

Owner: 0xd1beE7b6C062b01815e7F8934Ce264C1c1cd250d
Contract Creator: 0xC6b139344239b9E33F8dec27DE5Bd7E2a45F0374

Settle Promise
1. send 0.0031 MYST

Creator: 0x79AF22cE144F72948dacB1AF2D75ef60811C0f70

Registry
核心代码

Registry
0x87F0F4b7e0FAb14A565C87BAbbA6c40c92281b51

https://polygonscan.com/address/0x87f0f4b7e0fab14a565c87babba6c40c92281b51#code

2. Register Identity (Jan-19-2025 08:58:48 PM UTC)
   a. recover Identity
   b. _openConsumerChannel
      i. Deploy SC (Create2)
      ii. initialize
   c. transfer Fee back to Transactor

Call Register Identity

ConsumerChannelCreated
1: identity 0xaECE8bD06B46AE703469CCeffF793595Da2effDD
2: hermesId 0x80Ed28d84792d8b153bf2F25F0C4B7a1381dE4ab

RegisteredIdentity (index_topic_1 address identity, address beneficiary)
1: identity 0xaECE8bD06B46AE703469CCeffF793595Da2effDD
2: beneficiary 0x9c94C375Af6097e4357A26877B16dd1E3ed4d476

Transactor
Address
0x8726555bf586dA8ED1D5a197
5F784C45896DF8
F4
total 1,299,097 transactions(all settle promise)

0x8726555bf586dA8ED1D5a1975F784C45896DF8F4
0xBDB04284f87a89B26De8587895a41bCDDA431408
0x48D001EE74f3a736A7Ebcc9160044d1a4e63bDB0

1. 0x8726555b... 5896DF8F4 received 0.003123458202832 Mysterium (P... (MYST)
2. 0x80Ed28d8... 3381dE4ab sent 4.002226290982625088 Mysterium (P... (MYST)
3. 0x9c94C375... E3ed4d476 received 3.999102832754305088 Mysterium (P... (MYST)

Call Settle Promise

Settle Promise 频率挺高的, 4-10s 一次

Call Settle Promise
Tx Fee 0.00326 POL ($0.000987)

Call Settle Promise

所有的 Channel state + Stake Amount 都存于 HermesImplementation SC 里

HermesImplementation
0x80Ed28d84792d8b153bf2F25F0C4B7a1381dE4ab

Settle Promise
2. send 4.0022 MYST

Mysterium Network: MYST Token
0x1379E8886A944d2D9d440b3d88DF536Aea08d9F3

ChannelImplementation
0x7a17D389765b7C05b50c23a7B469De462222271f
Create Tx: https://polygonscan.com/tx/0xbaf186ace85d8fab04a3682d6b6fd39bf06b43360ad6f4aae5fc4bf40bf2f1b

Operator

0xaECE8bD06B46AE703469CCeffF793595Da2effDD

看起来也不是链上账户, 没有任何 Txns

```
// Because of proxy pattern this function is used insted of constructor.
    // Have to be called right after proxy deployment.
    function initialize(address _token, address _dexAddress, address _identity, address _hermesId, uint256 _fee) public {
        require(!isInitialized(), "Is already initialized");
        require(_identity != address(0), "Identity can't be zero");
        require(_hermesId != address(0), "HermesID can't be zero");
        require(_token != address(0), "Token can't be deployd into zero address");

        token = IERC20Token(_token);
        dex = IUniswapV2Router(_dexAddress);

        // Transfer required fee to msg.sender (most probably Registry)
        if(_fee > 0) {
            token.transfer(msg.sender, _fee);
        }

        operator = _identity;
        transferOwnership(operator);
        hermes = Hermes(IHermesContract(_hermesId).getOperator(), _hermesId, 0);
    }
```

根据代码来看是个 _identity, 那么极大可能是链下找到的

2025/02/20

1. Transfer 0.08 MYST
Time: Jan-19-2025 08:57:26 PM UTC

Operator
0xBB322f4A93f4001d3f2dd07Aa957C3e8361E8976

Provider
Address
0x9c94C375Af6097e4357A26877B16dd1E3ed4d476

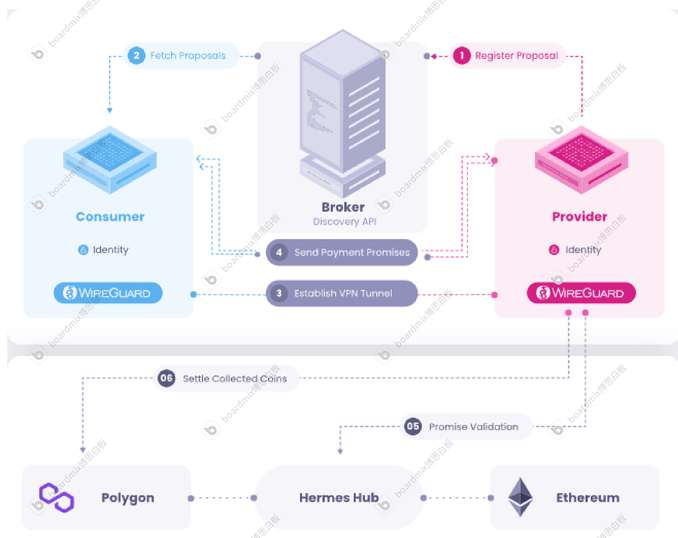
Settle Promise
3. send 3.9991 MYST

近两个月: 还有多次小额转账(<= 0.05 MYST)
是为了给新的 Channel 充值基本的 Fee

核心合约逻辑及其关联

https://polygonscan.com/tx/0x7bb5781a42172f43c9b4ae8cb12e67cb55d0ab648195415d641dbbd222359113 关系构建解析来自此次 Tx

Function: settlePromise(address _identity, uint256 _amount, uint256 _transactorFee, bytes32 _preimage, bytes _signature)
MethodID: 0x48d9f01e
Name Type Data
0 _identity address 0x5F7aC945b24379A1Bd6f5Cb7AFafeC9C2e815d22 (注: 该地址看起不是 polygon 链上的, 没有任何 Txns)
1 _amount uint256 10002795287623580949
2 _transactorFee uint256 3123458228320000
3 _preimage bytes32 0x1085011e546a6f0e147b2e14266a05645aa2ac294aae81c510d45156548e2369
4 _signature bytes 0x0f96d26c950213213b21d82a1a562b8f018e920af04b1b0b403ef6eaf2badb81757d8433500b127c0a545d09c81a21646c42cc055011979e0e62f9a997b9f2c01b



其他信息