MythX

Started	Mon Feb 27 2023 13:18:58 GMT+0000 (Coordinated Universal Time)
Finished	Mon Feb 27 2023 13:34:07 GMT+0000 (Coordinated Universal Time)
Mode	Standard
Client Tool	Remythx
Main Source File	UChildERC20Proxy.Sol

DETECTED VULNERABILITIES

HIGH   **MEDIUM**   **LOW**

1   0   1

ISSUES

HIGH
SWC-112

The contract delegates execution to another contract with a user-supplied address.

The smart contract delegates execution to a user-supplied address.This could allow an attacker to execute arbitrary code in the context of this contract account and manipulate the state of the contract account or execute actions on its behalf.

Source file

UChildERC20Proxy.sol

Locations

```
22    // solium-disable-next-line security/no-inline-assembly
23    assembly {
24      let result := delegatecall(
25        sub(gas(), 10000),
26        _dst,
27        add(_calldata, 0x20),
28        mload(_calldata),
29        0,
30        0
31      )
32      let size := returndatasize()
33
```

Requirement violation.

A requirement was violated in a nested call and the call was reverted as a result. Make sure valid inputs are provided to the nested call (for instance, via passed arguments).

Source file

`UChildERC20Proxy.sol`

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31    )
32    let size := returndatasize()
33
```

Source file

`UChildERC20Proxy.sol`

Locations

```
39    switch result
40    case 0 {
41    revert(ptr, size)
42    }
43    default {
```