MythX

REPORT SUMMARY

Analyses ID	Main source file	Detected vulnerabilities
689f9ac3-3eb7-4594-959f-204a55e4cc29	Gauge.sol	0

Started	Tue Mar 28 2023 16:21:33 GMT+0000 (Coordinated Universal Time)
Finished	Tue Mar 28 2023 16:21:39 GMT+0000 (Coordinated Universal Time)
Mode	Deep
Client Tool	Remythx
Main Source File	Gauge.Sol

DETECTED VULNERABILITIES

(HIGH

(MEDIUM

(LOW

0

0

0

ISSUES

UNKNOWN   Arithmetic operation "+" discovered

This plugin produces issues to support false positive discovery within MythX.

SWC-101

Source file

SafeERC20.sol

Locations

```
38    token,
39    abi.encodeWithSelector(token.transferFrom.selector, from, to, value)
40    );
41    }
42
43    function safeApprove(
44    IERC20 token,
45    address spender,
46    uint256 value
```

UNKNOWN
SWC-101

Arithmetic operation "+" discovered

This plugin produces issues to support false positive discovery within MythX.

Source file

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39    abi.encodeWithSelector(token.transferFrom.selector, from, to, value)
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UNKNOWN
SWC-101

Arithmetic operation "/" discovered

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Source file

SafeERC20.sol

Locations

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39    abi.encodeWithSelector(token.transferFrom.selector, from, to, value)
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UNKNOWN
SWC-101

Arithmetic operation "/" discovered

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Locations

```
39    abi.encodeWithSelector(token.transferFrom.selector, from, to, value)
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SWC-101

Arithmetic operation "/" discovered

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Source file

SafeERC20.sol

Locations

```
41   }
42
43   function safeApprove(
44   IERC20 token,
45   address spender,
46   uint256 value
```

UNKNOWN

SWC-101

Arithmetic operation "+" discovered

This plugin produces issues to support false positive discovery within MythX.

Source file

SafeERC20.sol

Locations

```
41   }
42
43   function safeApprove(
44   IERC20 token,
45   address spender,
```

UNKNOWN

SWC-101

Arithmetic operation "%" discovered

This plugin produces issues to support false positive discovery within MythX.

Source file

SafeERC20.sol

Locations

```
41   }
42
43   function safeApprove(
44   IERC20 token,
45   address spender,
```

UNKNOWN Arithmetic operation "%" discovered

SWC-101

This plugin produces issues to support false positive discovery within MythX.

Source file
SafeERC20.sol
Locations

```
41  }
42
43  function safeApprove(
44  IERC20 token,
45  address spender,
```

UNKNOWN Public state variable with array type causing reacheable exception by default.

SWC-110

The public state variable "refLevelPercent" in "Gauge" contract has type "uint256[]" and can cause an exception in case of use of invalid array index value.

Source file
IGauge.sol
Locations

```
45  function rewards(address owner) external returns (uint256);
46
47  function derivedSupply() external returns (uint256);
48
49  function derivedBalances(address owner) external returns (uint256);
50
51  function claimVotingFees()
```

```
43  function safeApprove(
```