

REPORT 6195B971E74D4100186C0CE1

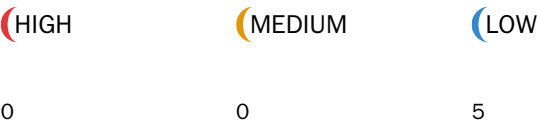
Created	Thu Nov 18 2021 02:24:49 GMT+0000 (Coordinated Universal Time)
Number of analyses	1
User	5f50e9c4f992e6001848d9db

REPORT SUMMARY

Analyses ID	Main source file	Detected vulnerabilities
ff9a9ee4-8367-4e92-84e4-3c3849d5f6ab	treasury.sol	5

Started	Thu Nov 18 2021 02:24:52 GMT+0000 (Coordinated Universal Time)
Finished	Thu Nov 18 2021 03:10:12 GMT+0000 (Coordinated Universal Time)
Mode	Deep
Client Tool	Remythx
Main Source File	Treasury.sol

DETECTED VULNERABILITIES



ISSUES

UNKNOWN Arithmetic operation "+" discovered
This plugin produces issues to support false positive discovery within MythX.
SWC-101

Source file
treasury.sol
Locations

```
499 | */
500 | function add(uint256 a, uint256 b) internal pure returns (uint256) {
501 |     uint256 c = a + b;
502 |     require(c >= a, "SafeMath: addition overflow");
```

UNKNOWN Arithmetic operation "-" discovered
This plugin produces issues to support false positive discovery within MythX.
SWC-101

Source file
treasury.sol
Locations

```
531 | function sub(uint256 a, uint256 b, string memory errorMessage) internal pure returns (uint256) {
532 |     require(b <= a, errorMessage);
533 |     uint256 c = a - b;
534 |
535 |     return c;
```

UNKNOWN Arithmetic operation "*" discovered

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

SWC-101

Source file

treasury.sol

Locations

```
554 | }  
555 |  
556 | uint256 c = a * b;  
557 | require(c / a == b, "SafeMath: multiplication overflow");
```

UNKNOWN Arithmetic operation "/" discovered

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

SWC-101

Source file

treasury.sol

Locations

```
555 |  
556 | uint256 c = a * b;  
557 | require(c/a == b, "SafeMath: multiplication overflow");  
558 |  
559 | return c;
```

UNKNOWN Arithmetic operation "/" discovered

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

SWC-101

Source file

treasury.sol

Locations

```
590 | function div(uint256 a, uint256 b, string memory errorMessage) internal pure returns (uint256) {  
591 |     require(b > 0, errorMessage);  
592 |     uint256 c = a / b;  
593 |     // assert(a == b * c + a % b); // There is no case in which this doesn't hold
```

UNKNOWN Arithmetic operation "%" discovered

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

SWC-101

Source file

treasury.sol

Locations

```
626 | function mod(uint256 a, uint256 b, string memory errorMessage) internal pure returns (uint256) {  
627 |     require(b != 0, errorMessage);  
628 |     return a % b;  
629 | }  
630 | }
```

UNKNOWN Arithmetic operation "*" discovered

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SWC-101

Source file

treasury.sol

Locations

```
655 | function getCollateralSupply() public view returns (uint){
656 | if(msg.sender == address(buck) && collateral.decimals() < 18 || msg.sender == address(buckPool) && collateral.decimals() < 18){
657 | return collateral.balanceOf(address(this)) * 10 ** (uint(18) - collateral.decimals());
658 | } else{
659 | return collateral.balanceOf(address(this));
```

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658 | } else{
659 | return collateral.balanceOf(address(this));
```

LOW

A floating pragma is set.

SWC-103

The current pragma Solidity directive is `"">=0.6.0<0.8.0""`. It is recommended to specify a fixed compiler version to ensure that the bytecode produced does not vary between builds. This is especially important if you rely on bytecode-level verification of the code.

Source file

treasury.sol

Locations

```
5 | // SPDX-License-Identifier: MIT
6 |
7 | pragma solidity >=0.6.0 <0.8.0
8 |
9 | /*
```

LOW

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SWC-103

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Source file

treasury.sol

Locations

```
29 |
30 |
31 | pragma solidity >=0.6.0 <0.8.0
32 |
33 | /**
```

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Source file

treasury.sol

Locations

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106 |
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108 |
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Source file

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472 | }
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475 |
476 | /**
```