

REPORT 64A777DA7DBC940019AF5767

| | |
|--------------------|----------------------------------------------------------------|
| Created | Fri Jul 07 2023 02:26:34 GMT+0000 (Coordinated Universal Time) |
| Number of analyses | 1 |
| User | 62b1a8425ec4948f52c83856 |

REPORT SUMMARY

| Analyses ID | Main source file | Detected vulnerabilities |
|------------------------------------------------------|------------------|--------------------------|
| 74b8aa77-0279-451f-b0a5-25ecd7c81fc4 | jesus.sol | 0 |

| | |
|------------------|----------------------------------------------------------------|
| Started | Fri Jul 07 2023 02:26:36 GMT+0000 (Coordinated Universal Time) |
| Finished | Fri Jul 07 2023 02:26:45 GMT+0000 (Coordinated Universal Time) |
| Mode | Quick |
| Client Tool | Remythx |
| Main Source File | Jesus.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
jesus.sol
Locations

```
205 | function tryAdd(uint256 a, uint256 b) internal pure returns (bool, uint256) {  
206 |     unchecked {  
207 |         uint256 c = a + b;  
208 |         if (c < a) return (false, 0);  
209 |         return (true, c);  
    |     }
```

UNKNOWN Arithmetic operation "-" discovered

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

SWC-101

Source file
jesus.sol
Locations

```
219 |     unchecked {  
220 |         if (b > a) return (false, 0);  
221 |         return (true, a - b);  
222 |     }  
223 | }
```

UNKNOWN Arithmetic operation "*" discovered

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

SWC-101

Source file

jesus.sol

Locations

```
234 | // See: https://github.com/OpenZeppelin/openzeppelin-contracts/pull/522
235 | if (a == 0) return (true, 0);
236 | uint256 c = a * b;
237 | if (c / a != b) return (false, 0);
238 | return (true, c);
```

UNKNOWN Arithmetic operation "/" discovered

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

SWC-101

Source file

jesus.sol

Locations

```
235 | if (a == 0) return (true, 0);
236 | uint256 c = a * b;
237 | if (c/a != b) return (false, 0);
238 | return (true, c);
239 | }
```

UNKNOWN Arithmetic operation "/" discovered

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

SWC-101

Source file

jesus.sol

Locations

```
248 | unchecked {
249 |   if (b == 0) return (false, 0);
250 |   return (true, a / b);
251 | }
252 | }
```

UNKNOWN Arithmetic operation "%" discovered

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

SWC-101

Source file

jesus.sol

Locations

```
260 | unchecked {  
261 |   if (b == 0) return (false, 0);  
262 |   return (true, a % b);  
263 | }  
264 | }
```

UNKNOWN Arithmetic operation "+" discovered

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

SWC-101

Source file

jesus.sol

Locations

```
275 | */  
276 | function add(uint256 a, uint256 b) internal pure returns (uint256) {  
277 |   return a + b;  
278 | }
```

UNKNOWN Arithmetic operation "-" discovered

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

SWC-101

Source file

jesus.sol

Locations

```
289 | */  
290 | function sub(uint256 a, uint256 b) internal pure returns (uint256) {  
291 |   return a - b;  
292 | }
```

UNKNOWN Arithmetic operation "*" discovered

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

SWC-101

Source file

jesus.sol

Locations

```
303 | */  
304 | function mul(uint256 a, uint256 b) internal pure returns (uint256) {  
305 |   return a * b;  
306 | }
```

UNKNOWN Arithmetic operation "/" discovered

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

SWC-101

Source file
jesus.sol
Locations

```
317 | */
318 | function div(uint256 a, uint256 b) internal pure returns (uint256) {
319 |     return a / b;
320 | }
```

UNKNOWN Arithmetic operation "%" discovered

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

SWC-101

Source file
jesus.sol
Locations

```
333 | */
334 | function mod(uint256 a, uint256 b) internal pure returns (uint256) {
335 |     return a % b;
336 | }
```

UNKNOWN Arithmetic operation "-" discovered

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

SWC-101

Source file
jesus.sol
Locations

```
356 | unchecked {
357 |     require(b <= a, errorMessage);
358 |     return a - b;
359 | }
360 | }
```

UNKNOWN Arithmetic operation "/" discovered

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

SWC-101

Source file
jesus.sol
Locations

```
379 | unchecked {
380 |     require(b > 0, errorMessage);
381 |     return a / b;
382 | }
383 | }
```

UNKNOWN Arithmetic operation "%" discovered

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

SWC-101

Source file

jesus.sol

Locations

```
405 | unchecked {
406 |   require(b > 0, errorMessage);
407 |   return a % b;
408 | }
409 | }
```