



FLOKI CEO

# Smart Contract Audit Report

# TABLE OF CONTENTS

## Audited Details

- Audited Project
- Blockchain
- Addresses
- Project Website
- Codebase

## Summary

- Contract Summary
- Audit Findings Summary
- Vulnerabilities Summary

## Conclusion

## Audit Results

## Smart Contract Analysis

- Detected Vulnerabilities

## Disclaimer

## About Us

# AUDITED DETAILS

## Audited Project

Project name	Token ticker	Blockchain
FLOKI CEO	FLOKI CEO	Binance Smart Chain

## Addresses

Contract address	0x45289007706e7ee7b42b1fa506661d97740edfb4
Contract deployer address	0xC5824Df4086012a3C917a074d21412a3e6D95403

## Project Website

<https://flokiceo.io/>

## Codebase

<https://bscscan.com/address/0x45289007706e7ee7b42b1fa506661d97740edfb4#code>

# SUMMARY

Floki Ceo, the Meme token in the BSC ecosystem, \$FlokiCeo is community-driven and cannot control by anyone. A dog named Floki becomes the CEO of Twitter is our story. It starts from an Elon Musk Twitter post. Floki Ceo - A decentralized cryptocurrency with instant rewards for holders. 7% of each transaction will be shared among the holders.

## Contract Summary

### Documentation Quality

FLOKI CEO provides a very good documentation with standard of solidity base code.

- The technical description is provided clearly and structured and also dont have any high risk issue.

### Code Quality

The Overall quality of the basecode is standard.

- Standard solidity basecode and rules are already followed by FLOKI CEO with the discovery of several low issues.

### Test Coverage

Test coverage of the project is 100% ( Through Codebase )

## Audit Findings Summary

- SWC-101 | It is recommended to use vetted safe math libraries for arithmetic operations consistently on lines 137, 137, 137, 137, 138, 138, 140, 140, 237, 243, 253, 286, 301, 303, 325, 326, 331, 334, 336, 364, 364, 365, 365, 367, 367, 388, 394, 395, 397, 397, 405, 411, 414, 415, 417, 473, 477, 480, 481, 519, 531, 531 and 303.
- SWC-103 | Pragma statements can be allowed to float when a contract is intended on lines 6.
- SWC-110 SWC-123 | It is recommended to use of revert(), assert(), and require() in Solidity, and the new REVERT opcode in the EVM on lines 302, 303, 303, 412, 412, 414, 415, 503, 504 and 520.

# CONCLUSION

We have audited the FLOKI CEO project released on February 2023 to discover issues and identify potential security vulnerabilities in FLOKI CEO Project. This process is used to find technical issues and security loopholes which might be found in the smart contract.

The security audit report provides satisfactory results with low-risk issues.

The issues found in the FLOKI CEO smart contract code do not pose a considerable risk. The writing of the contract is close to the standard of writing contracts in general. The low-risk issues found are some arithmetic operation issues, a floating pragma is set, and out-of-bounds array access which the index access expression can cause an exception in case an invalid array index value is used.

# AUDIT RESULT

Article	Category	Description	Result
Default Visibility	SWC-100 SWC-108	Functions and state variables visibility should be set explicitly. Visibility levels should be specified consciously.	PASS
Integer Overflow and Underflow	SWC-101	If unchecked math is used, all math operations should be safe from overflows and underflows.	ISSUE FOUND
Outdated Compiler Version	SWC-102	It is recommended to use a recent version of the Solidity compiler.	PASS
Floating Pragma	SWC-103	Contracts should be deployed with the same compiler version and flags that they have been tested thoroughly.	ISSUE FOUND
Unchecked Call Return Value	SWC-104	The return value of a message call should be checked.	PASS
Unprotected Ether Withdrawal	SWC-105	Due to missing or insufficient access controls, malicious parties can withdraw from the contract.	PASS
SELFDESTRUCT Instruction	SWC-106	The contract should not be self-destructible while it has funds belonging to users.	PASS
Reentrancy	SWC-107	Check effect interaction pattern should be followed if the code performs recursive call.	PASS
Uninitialized Storage Pointer	SWC-109	Uninitialized local storage variables can point to unexpected storage locations in the contract.	PASS
Assert Violation	SWC-110 SWC-123	Properly functioning code should never reach a failing assert statement.	ISSUE FOUND
Deprecated Solidity Functions	SWC-111	Deprecated built-in functions should never be used.	PASS
Delegate call to Untrusted Callee	SWC-112	Delegatecalls should only be allowed to trusted addresses.	PASS

DoS (Denial of Service)	SWC-113 SWC-128	Execution of the code should never be blocked by a specific contract state unless required.	PASS
Race Conditions	SWC-114	Race Conditions and Transactions Order Dependency should not be possible.	PASS
Authorization through tx.origin	SWC-115	tx.origin should not be used for authorization.	PASS
Block values as a proxy for time	SWC-116	Block numbers should not be used for time calculations.	PASS
Signature Unique ID	SWC-117 SWC-121 SWC-122	Signed messages should always have a unique id. A transaction hash should not be used as a unique id.	PASS
Incorrect Constructor Name	SWC-118	Constructors are special functions that are called only once during the contract creation.	PASS
Shadowing State Variable	SWC-119	State variables should not be shadowed.	PASS
Weak Sources of Randomness	SWC-120	Random values should never be generated from Chain Attributes or be predictable.	PASS
Write to Arbitrary Storage Location	SWC-124	The contract is responsible for ensuring that only authorized user or contract accounts may write to sensitive storage locations.	PASS
Incorrect Inheritance Order	SWC-125	When inheriting multiple contracts, especially if they have identical functions, a developer should carefully specify inheritance in the correct order. The rule of thumb is to inherit contracts from more /general/ to more /specific/.	PASS
Insufficient Gas Griefing	SWC-126	Insufficient gas griefing attacks can be performed on contracts which accept data and use it in a sub-call on another contract.	PASS
Arbitrary Jump Function	SWC-127	As Solidity doesnt support pointer arithmetics, it is impossible to change such variable to an arbitrary value.	PASS

Typographical Error	SWC-129	A typographical error can occur for example when the intent of a defined operation is to sum a number to a variable.	PASS
Override control character	SWC-130	Malicious actors can use the Right-To-Left-Override unicode character to force RTL text rendering and confuse users as to the real intent of a contract.	PASS
Unused variables	SWC-131 SWC-135	Unused variables are allowed in Solidity and they do not pose a direct security issue.	PASS
Unexpected Ether balance	SWC-132	Contracts can behave erroneously when they strictly assume a specific Ether balance.	PASS
Hash Collisions Variable	SWC-133	Using <code>abi.encodePacked()</code> with multiple variable length arguments can, in certain situations, lead to a hash collision.	PASS
Hardcoded gas amount	SWC-134	The <code>transfer()</code> and <code>send()</code> functions forward a fixed amount of 2300 gas.	PASS
Unencrypted Private Data	SWC-136	It is a common misconception that private type variables cannot be read.	PASS



# SMART CONTRACT ANALYSIS

Started	Saturday Feb 18 2023 01:43:54 GMT+0000 (Coordinated Universal Time)
Finished	Sunday Feb 19 2023 17:53:14 GMT+0000 (Coordinated Universal Time)
Mode	Standard
Main Source File	FLOKICEO.sol

## Detected Issues

ID	Title	Severity	Status
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "**" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "**" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "%" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "**" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "+" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "/" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "++" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged

SWC-101	ARITHMETIC OPERATION "-=" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "+=" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "+=" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "+=" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "+=" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "/" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "/" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "/" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "++" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged



## SWC-101 | ARITHMETIC OPERATION "\*" DISCOVERED

LINE 137

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
136
137  uint256 private _tTotal = 420 *10**15 * 10**_decimals;
138  uint256 private _rTotal = (MAX - (MAX % _tTotal));
139
140  uint256 public swapTokensAtAmount = 1e14 * 10**_decimals;
141
```

# SWC-101 | ARITHMETIC OPERATION "\*" DISCOVERED

LINE 137

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
136
137  uint256 private _tTotal = 420 *10**15 * 10**_decimals;
138  uint256 private _rTotal = (MAX - (MAX % _tTotal));
139
140  uint256 public swapTokensAtAmount = 1e14 * 10**_decimals;
141
```

# SWC-101 | ARITHMETIC OPERATION "\*\*" DISCOVERED

LINE 137

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
136
137  uint256 private _tTotal = 420 *10**15 * 10**_decimals;
138  uint256 private _rTotal = (MAX - (MAX % _tTotal));
139
140  uint256 public swapTokensAtAmount = 1e14 * 10**_decimals;
141
```

# SWC-101 | ARITHMETIC OPERATION "\*\*" DISCOVERED

LINE 137

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
136
137  uint256 private _tTotal = 420 *10**15 * 10**_decimals;
138  uint256 private _rTotal = (MAX - (MAX % _tTotal));
139
140  uint256 public swapTokensAtAmount = 1e14 * 10**_decimals;
141
```

# SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 138

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
137 uint256 private _tTotal = 420 *10**15 * 10**_decimals;
138 uint256 private _rTotal = (MAX - (MAX % _tTotal));
139
140 uint256 public swapTokensAtAmount = 1e14 * 10**_decimals;
141
142
```



# SWC-101 | ARITHMETIC OPERATION "%" DISCOVERED

LINE 138

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
137 uint256 private _tTotal = 420 *10**15 * 10**_decimals;
138 uint256 private _rTotal = (MAX - (MAX % _tTotal));
139
140 uint256 public swapTokensAtAmount = 1e14 * 10**_decimals;
141
142
```

# SWC-101 | ARITHMETIC OPERATION "\*" DISCOVERED

LINE 140

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
139
140 uint256 public swapTokensAtAmount = 1e14 * 10**_decimals;
141
142 address public deadWallet = 0x0000000000000000000000000000000000000000000000000000000000000000dEaD;
143 address public marketingWallet = 0xA20536c4724ab48479cA8f3AA02eb1D3BCFb0F91;
144
```

# SWC-101 | ARITHMETIC OPERATION "\*\*" DISCOVERED

LINE 140

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
139
140 uint256 public swapTokensAtAmount = 1e14 * 10**_decimals;
141
142 address public deadWallet = 0x0000000000000000000000000000000000000000000000000000000000000000dEaD;
143 address public marketingWallet = 0xA20536c4724ab48479cA8f3AA02eb1D3BCFb0F91;
144
```

# SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 237

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
236   require(currentAllowance >= amount, "BEP20: transfer amount exceeds allowance");
237   _approve(sender, _msgSender(), currentAllowance - amount);
238
239   return true;
240   }
241
```

## SWC-101 | ARITHMETIC OPERATION "+" DISCOVERED

LINE 243

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
242  function increaseAllowance(address spender, uint256 addedValue) public returns
      (bool) {
243  _approve(_msgSender(), spender, _allowances[_msgSender()][spender] + addedValue);
244  return true;
245  }
246
247
```

# SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 253

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
252   require(currentAllowance >= subtractedValue, "BEP20: decreased allowance below
zero");
253   _approve(_msgSender(), spender, currentAllowance - subtractedValue);
254
255   return true;
256   }
257
```

# SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 286

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
285     uint256 currentRate = _getRate();
286     return rAmount / currentRate;
287 }
288
289 // @dev kept original RFI naming -> "reward" as in reflection
290
```

## SWC-101 | ARITHMETIC OPERATION "++" DISCOVERED

LINE 301

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
300   require(!_isExcluded[account], "Account is not excluded");
301   for (uint256 i = 0; i < _excluded.length; i++) {
302     if (_excluded[i] == account) {
303       _excluded[i] = _excluded[_excluded.length - 1];
304       _tOwned[account] = 0;
305
```



## SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 303

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
302  if (_excluded[i] == account) {
303  _excluded[i] = _excluded[_excluded.length - 1];
304  _tOwned[account] = 0;
305  _isExcluded[account] = false;
306  _excluded.pop();
307
```

## SWC-101 | ARITHMETIC OPERATION "-=" DISCOVERED

LINE 325

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
324 function _reflectRfi(uint256 rRfi, uint256 tRfi) private {  
325     _rTotal -= rRfi;  
326     totFeesPaid.rfi += tRfi;  
327 }  
328  
329
```

# SWC-101 | ARITHMETIC OPERATION "+=" DISCOVERED

LINE 326

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
325  _rTotal -= rRfi;  
326  totFeesPaid.rfi += tRfi;  
327  }  
328  
329  
330
```

# SWC-101 | ARITHMETIC OPERATION "+=" DISCOVERED

LINE 331

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
330 function _takeMarketing(uint256 rMarketing, uint256 tMarketing) private {
331     totFeesPaid.marketing += tMarketing;
332
333     if (!_isExcluded[address(this)]) {
334         _tOwned[address(this)] += tMarketing;
335     }
```

## SWC-101 | ARITHMETIC OPERATION "+=" DISCOVERED

LINE 334

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
333     if (!_isExcluded[address(this)]) {  
334         _tOwned[address(this)] += tMarketing;  
335     }  
336     _rOwned[address(this)] += rMarketing;  
337 }  
338
```

## SWC-101 | ARITHMETIC OPERATION "+=" DISCOVERED

LINE 336

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
335     }  
336     _rOwned[address(this)] += rMarketing;  
337     }  
338  
339  
340
```

# SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 364

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
363
364 s.tRfi = (tAmount * taxes.rfi) / 100;
365 s.tMarketing = (tAmount * taxes.marketing) / 100;
366 s.tTransferAmount =
367 tAmount -
368
```

# SWC-101 | ARITHMETIC OPERATION "\*" DISCOVERED

LINE 364

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
363
364 s.tRfi = (tAmount * taxes.rfi) / 100;
365 s.tMarketing = (tAmount * taxes.marketing) / 100;
366 s.tTransferAmount =
367 tAmount -
368
```



# SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 365

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
364 s.tRfi = (tAmount * taxes.rfi) / 100;  
365 s.tMarketing = (tAmount * taxes.marketing) / 100;  
366 s.tTransferAmount =  
367 tAmount -  
368 s.tRfi -  
369
```

# SWC-101 | ARITHMETIC OPERATION "\*" DISCOVERED

LINE 365

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
364 s.tRfi = (tAmount * taxes.rfi) / 100;  
365 s.tMarketing = (tAmount * taxes.marketing) / 100;  
366 s.tTransferAmount =  
367 tAmount -  
368 s.tRfi -  
369
```

## SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 367

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
366     s.tTransferAmount =
367     tAmount -
368     s.tRfi -
369     s.tMarketing;
370     return s;
371
```

## SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 367

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
366     s.tTransferAmount =
367     tAmount -
368     s.tRfi -
369     s.tMarketing;
370     return s;
371
```

# SWC-101 | ARITHMETIC OPERATION "\*" DISCOVERED

LINE 388

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
387  {  
388    rAmount = tAmount * currentRate;  
389  
390    if (!takeFee) {  
391      return (rAmount, rAmount, 0, 0);  
392    }
```

## SWC-101 | ARITHMETIC OPERATION "\*" DISCOVERED

LINE 394

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
393
394   rRfi = s.tRfi * currentRate;
395   rMarketing = s.tMarketing * currentRate;
396   rTransferAmount =
397   rAmount -
398
```

# SWC-101 | ARITHMETIC OPERATION "\*" DISCOVERED

LINE 395

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
394  rRfi = s.tRfi * currentRate;  
395  rMarketing = s.tMarketing * currentRate;  
396  rTransferAmount =  
397  rAmount -  
398  rRfi -  
399
```

# SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 397

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
396   rTransferAmount =
397   rAmount -
398   rRfi -
399   rMarketing;
400   return (rAmount, rTransferAmount, rRfi, rMarketing);
401
```



# SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 397

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
396     rTransferAmount =
397     rAmount -
398     rRfi -
399     rMarketing;
400     return (rAmount, rTransferAmount, rRfi, rMarketing);
401
```

# SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 405

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
404 (uint256 rSupply, uint256 tSupply) = _getCurrentSupply();
405 return rSupply / tSupply;
406 }
407
408 function _getCurrentSupply() private view returns (uint256, uint256) {
409
```

# SWC-101 | ARITHMETIC OPERATION "++" DISCOVERED

LINE 411

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
410 uint256 tSupply = _tTotal;
411 for (uint256 i = 0; i < _excluded.length; i++) {
412     if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply)
413         return (_rTotal, _tTotal);
414     rSupply = rSupply - _rOwned[_excluded[i]];
415 }
```

# SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 414

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
413     return (_rTotal, _tTotal);
414     rSupply = rSupply - _rOwned[_excluded[i]];
415     tSupply = tSupply - _tOwned[_excluded[i]];
416 }
417 if (rSupply < _rTotal / _tTotal) return (_rTotal, _tTotal);
418
```

# SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 415

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
414     rSupply = rSupply - _rOwned[_excluded[i]];
415     tSupply = tSupply - _tOwned[_excluded[i]];
416   }
417   if (rSupply < _rTotal / _tTotal) return (_rTotal, _tTotal);
418   return (rSupply, tSupply);
419
```

## SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 417

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
416     }
417     if (rSupply < _rTotal / _tTotal) return (_rTotal, _tTotal);
418     return (rSupply, tSupply);
419     }
420
421
```

## SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 473

### low SEVERITY

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

### Source File

- FLOKICEO.sol

### Locations

```
472 //from excluded
473 _tOwned[sender] = _tOwned[sender] - tAmount;
474 }
475 if (!_isExcluded[recipient]) {
476 //to excluded
477
```

# SWC-101 | ARITHMETIC OPERATION "+" DISCOVERED

LINE 477

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
476 //to excluded
477 _tOwned[recipient] = _tOwned[recipient] + s.tTransferAmount;
478 }
479
480 _rOwned[sender] = _rOwned[sender] - s.rAmount;
481
```



# SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 480

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
479
480  _rOwned[sender] = _rOwned[sender] - s.rAmount;
481  _rOwned[recipient] = _rOwned[recipient] + s.rTransferAmount;
482
483  if (s.rRfi > 0 || s.tRfi > 0) _reflectRfi(s.rRfi, s.tRfi);
484
```

# SWC-101 | ARITHMETIC OPERATION "+" DISCOVERED

LINE 481

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
480  _rOwned[sender] = _rOwned[sender] - s.rAmount;
481  _rOwned[recipient] = _rOwned[recipient] + s.rTransferAmount;
482
483  if (s.rRfi > 0 || s.tRfi > 0) _reflectRfi(s.rRfi, s.tRfi);
484  if (s.rMarketing > 0 || s.tMarketing > 0) _takeMarketing(s.rMarketing,
s.tMarketing);
485
```

# SWC-101 | ARITHMETIC OPERATION "++" DISCOVERED

LINE 519

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
518     function bulkExcludeFee(address[] memory accounts, bool state) external onlyOwner {
519         for (uint256 i = 0; i < accounts.length; i++) {
520             _isExcludedFromFee[accounts[i]] = state;
521         }
522     }
523 }
```

# SWC-101 | ARITHMETIC OPERATION "\*" DISCOVERED

LINE 531

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
530  require(amount <= 1e15, "Cannot set swap threshold amount higher than 1% of
tokens");
531  swapTokensAtAmount = amount * 10**_decimals;
532  }
533
534  //Use this in case BNB are sent to the contract by mistake
535
```

# SWC-101 | ARITHMETIC OPERATION "\*\*" DISCOVERED

LINE 531

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
530  require(amount <= 1e15, "Cannot set swap threshold amount higher than 1% of
tokens");
531  swapTokensAtAmount = amount * 10**_decimals;
532  }
533
534  //Use this in case BNB are sent to the contract by mistake
535
```

# SWC-101 | COMPILER-REWRITABLE "<UINT> - 1" DISCOVERED

LINE 303

## low SEVERITY

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

## Source File

- FLOKICEO.sol

## Locations

```
302  if (_excluded[i] == account) {  
303  _excluded[i] = _excluded[_excluded.length - 1];  
304  _tOwned[account] = 0;  
305  _isExcluded[account] = false;  
306  _excluded.pop();  
307
```

## SWC-103 | A FLOATING PRAGMA IS SET.

LINE 6

### low SEVERITY

The current pragma Solidity directive is ""^0.8.17"". 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

- FLOKICEO.sol

### Locations

```
5 // SPDX-License-Identifier: UNLICENSE
6 pragma solidity ^0.8.17;
7
8 interface IBEP20 {
9     function totalSupply() external view returns (uint256);
10
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 302

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FLOKICEO.sol

### Locations

```
301   for (uint256 i = 0; i < _excluded.length; i++) {
302     if (_excluded[i] == account) {
303       _excluded[i] = _excluded[_excluded.length - 1];
304       _tOwned[account] = 0;
305       _isExcluded[account] = false;
306     }
```



## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 303

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FLOKICEO.sol

### Locations

```
302  if (_excluded[i] == account) {  
303  _excluded[i] = _excluded[_excluded.length - 1];  
304  _tOwned[account] = 0;  
305  _isExcluded[account] = false;  
306  _excluded.pop();  
307
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 303

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FLOKICEO.sol

### Locations

```
302  if (_excluded[i] == account) {  
303  _excluded[i] = _excluded[_excluded.length - 1];  
304  _tOwned[account] = 0;  
305  _isExcluded[account] = false;  
306  _excluded.pop();  
307
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 412

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FLOKICEO.sol

### Locations

```
411   for (uint256 i = 0; i < _excluded.length; i++) {
412     if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply)
413       return (_rTotal, _tTotal);
414     rSupply = rSupply - _rOwned[_excluded[i]];
415     tSupply = tSupply - _tOwned[_excluded[i]];
416   }
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 412

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FLOKICEO.sol

### Locations

```
411   for (uint256 i = 0; i < _excluded.length; i++) {  
412     if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply)  
413       return (_rTotal, _tTotal);  
414     rSupply = rSupply - _rOwned[_excluded[i]];  
415     tSupply = tSupply - _tOwned[_excluded[i]];  
416   }
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 414

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FLOKICEO.sol

### Locations

```
413     return (_rTotal, _tTotal);
414     rSupply = rSupply - _rOwned[_excluded[i]];
415     tSupply = tSupply - _tOwned[_excluded[i]];
416 }
417 if (rSupply < _rTotal / _tTotal) return (_rTotal, _tTotal);
418
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 415

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FLOKICEO.sol

### Locations

```
414   rSupply = rSupply - _rOwned[_excluded[i]];
415   tSupply = tSupply - _tOwned[_excluded[i]];
416   }
417   if (rSupply < _rTotal / _tTotal) return (_rTotal, _tTotal);
418   return (rSupply, tSupply);
419
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 503

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FLOKICEO.sol

### Locations

```
502 address[] memory path = new address[](2);
503 path[0] = address(this);
504 path[1] = router.WETH();
505
506 _approve(address(this), address(router), tokenAmount);
507
```

## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 504

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FLOKICEO.sol

### Locations

```
503     path[0] = address(this);  
504     path[1] = router.WETH();  
505  
506     _approve(address(this), address(router), tokenAmount);  
507  
508
```



## SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 520

### low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

### Source File

- FLOKICEO.sol

### Locations

```
519     for (uint256 i = 0; i < accounts.length; i++) {
520         _isExcludedFromFee[accounts[i]] = state;
521     }
522 }
523
524
```

# DISCLAIMER

This report is subject to the terms and conditions (including without limitation, description of services, confidentiality, disclaimer and limitation of liability) set forth in the Services Agreement, or the scope of services, and terms and conditions provided to you (“Customer” or the “Company”) in connection with the Agreement. This report provided in connection with the Services set forth in the Agreement shall be used by the Company only to the extent permitted under the terms and conditions set forth in the Agreement. This report may not be transmitted, disclosed, referred to, or relied upon by any person for any purposes, nor may copies be delivered to any other person other than the Company, without Sysfixed’s prior written consent in each instance.

This report is not, nor should be considered, an “endorsement” or “disapproval” of any particular project or team. This report is not, nor should be considered, an indication of the economics or value of any “product” or “asset” created by any team or project that contracts Sysfixed to perform a security assessment. This report does not provide any warranty or guarantee regarding the absolute bug-free nature of the technology analyzed, nor do they provide any indication of the technologies proprietors, business, business model, or legal compliance.

This is a limited report on our findings based on our analysis, in accordance with good industry practice as of the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn’t say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the below disclaimer below – please make sure to read it in full.

This report should not be used in any way to make decisions around investment or involvement with any particular project. This report in no way provides investment advice, nor should be leveraged as investment advice of any sort. This report represents an extensive assessing process intending to help our customers increase the quality of their code while reducing the high level of risk presented by cryptographic tokens and blockchain technology.

This report is provided for information purposes only and on a non-reliance basis and does not constitute investment advice. No one shall have any right to rely on the report or its contents, and Sysfixed and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers, and other representatives) (Sysfixed) owe no duty of care.

## ABOUT US

Sysfixed is a blockchain security certification organization established in 2021 with the objective to provide smart contract security services and verify their correctness in blockchain-based protocols. Sysfixed automatically scans for security vulnerabilities in Ethereum and other EVM-based blockchain smart contracts. Sysfixed a comprehensive range of analysis techniques—including static analysis, dynamic analysis, and symbolic execution—can accurately detect security vulnerabilities to provide an in-depth analysis report. With a vibrant ecosystem of world-class integration partners that amplify developer productivity, Sysfixed can be utilized in all phases of your project's lifecycle. Our team of security experts is dedicated to the research and improvement of our tools and techniques used to fortify your code.