auditace.tech

AuditAce

FROM INCEPTION TO SUCCESS

Smart Contract Audit

FOR

StitchInu

DATED : 20 MAY 23'

AUDIT SUMMARY

Project name – StitchInu

Date: 20 May, 2023

Scope of Audit- Audit Ace was consulted to conduct the smart contract audit of the solidity source codes.

Audit Status: **Passed with critical risk**

Issues Found

Status	Critical	High	Medium	Low	Suggestion
Open	3	0	0	0	0
Acknowledged	0	0	0	0	0
Resolved	0	0	0	0	0

USED TOOLS

Tools:

1.Manual Review: The code has undergone a line-by-line review by the **Ace** team.

2.ETH Test Network: All tests were conducted on the ETH Test network, and each test has a corresponding transaction attached to it. These tests can be found in the "Functional Tests" section of the report.

3.Slither: The code has undergone static analysis using Slither.

Testnet version:
Contract has been tested on binance smart chain testnet which can be found in below link:
https://testnet.bscscan.com/token/0x0aFA75d3FA82071FB1698672B52935693c4Bd6CC

Token Information

Name : Stitch Inu

Symbol : StitchInu

Decimals: 9

Network: Binance smart chain

Token Type:BEP20

Token Address:
0x47488a33DF28378a39d632B372E5a868750eb545

Owner:
0xBAD8426a1A868115F996fF9DA11DCEfD5B0786Ed
(at time of writing the audit)

Deployer:0xBAD8426a1A868115F996fF9DA11DCEfD5B0786Ed

Token Information

Fees:

Buy Fees: 0-100%

Sell Fees: 0-100%

Transfer Fees: 0-100%

Fees Privilige: Owner

Ownership : Owned

Minting: None

Max Tx Amount/ Max Wallet Amount: 0-100%

Blacklist: No

Other Priviliges:- Changing swap threshold - changing fees - changing trade limits

AUDIT METHODOLOGY

The auditing process will follow a routine as special considerations by Auditace:

- Review of the specifications, sources, and instructions provided to Auditace to make sure the contract logic meets the intentions of the client without exposing the user’s funds to risk.

- Manual review of the entire codebase by our experts, which is the process of reading source code line-by-line in an attempt to identify potential vulnerabilities.

- Specification comparison is the process of checking whether the code does what the specifications, sources, and instructions provided to Auditace describe.

- Test coverage analysis determines whether the test cases are covering the code and how much code isexercised when we run the test cases.

- Symbolic execution is analysing a program to determine what inputs cause each part of a program to execute.

- Reviewing the codebase to improve maintainability, security, and control based on the established industry and academic practices.

VULNERABILITY CHECKLIST

- ✓ Return values of low-level calls
- ✓ Private modifier
- ✓ Multiple Sends
- ✓ Using Suicide
- ✓ Gas Limitand Loops
- ✓ Address hardcoded
- ✓ Exception Disorder
- ✓ Using inline assembly
- ✓ Divide before multiply
- ✓ Missing Zero Address Validation
- ✓ Compiler version not fixed
- ✓ **Gasless Send**
- ✓ Using block.timestamp
- ✓ Re-entrancy
- ✓ Tautology or contradiction
- ✓ Timestamp Dependence
- ✓ Revert/require functions
- ✓ Use of tx.origin
- ✓ Integer overflow/underflow
- ✓ Dangerous strict equalities
- ✓ Using SHA3
- ✓ Using throw

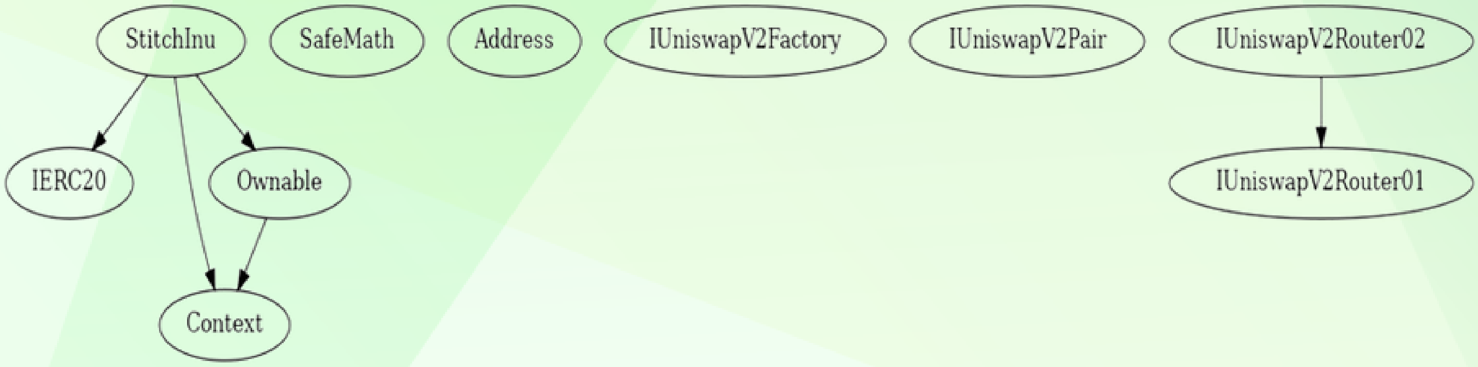
CLASSIFICATION OF RISK

Severity	Description
Critical	These vulnerabilities could be exploited easily and can lead to asset loss, data loss, asset, or data manipulation. They should be fixed right away.
High-Risk	A vulnerability that affects the desired outcome when using a contract, or provides the opportunity to use a contract in an unintended way.
Medium-Risk	A vulnerability that could affect the desired outcome of executing the contract in a specific scenario.
Low-Risk	A vulnerability that does not have a significant impact on possible scenarios for the use of the contract and is probably subjective.
Gas Optimization /Suggestion	A vulnerability that has an informational character but is not affecting any of the code.

Findings

Severity	Found
Critical	3
High-Risk	0
Medium-Risk	0
Low-Risk	0
Gas Optimization / Suggestions	0

INHERITANCE TREE



POINTS TO NOTE

- Tax fee is initially set to 3%
- Development fee is initially set to 3%
- Liquidity fee is initially set to 0%
- Contract owner can exclude and include addresses from rewards
- Contract owner can exclude and include addresses from fees
- Contract owner can set tax fee, development fee, and liquidity fee percentages
- Contract owner can set the maximum transaction amount
- Contract owner can enable or disable swap and liquify functionality
- Swap and liquify is enabled by default
- Maximum transaction amount is initially set to 1,000,000,000,000 tokens
- Number of tokens to sell to add to liquidity is initially set to 1,000,000,000 tokens
- Uniswap V2 router address is set to 0x10ED43C718714eb63d5aA57B78B54704E256024E
- Development wallet address is set to 0x5A3018e513a929A6aa248dD3890573B6a2284a31

POINTS TO NOTE

- Contract uses SafeMath library for arithmetic operations
- Contract uses Address library for address-related functionalities
- Contract is Ownable, meaning it has an owner with special privileges
- Contract owner can renounce ownership or transfer ownership to another address
- Contract owner can set the minimum tokens before swap
- Contract owner can update the swap and liquify enabled status
- Contract has a receive() function to accept incoming Ether
- Contract has a lockTheSwap modifier to prevent reentrancy in swap and liquify function

CONTRACT ASSESMENT

```
|  Contract  |        Type        |       Bases      |                  |                 |
|:----------:|:-------------------:|:----------------:|:----------------:|:---------------:|
|     └      |  **Function Name**  |  **Visibility**  |  **Mutability**  |  **Modifiers**  |
||||||
| **IERC20** | Interface |  |||
| └ | totalSupply | External ❗️ |   |NO ❗️ |
| └ | balanceOf | External ❗️ |   |NO ❗️ |
| └ | transfer | External ❗️ | 🛑  |NO ❗️ |
| └ | allowance | External ❗️ |   |NO ❗️ |
| └ | approve | External ❗️ | 🛑  |NO ❗️ |
| └ | transferFrom | External ❗️ | 🛑  |NO ❗️ |
||||||
| **SafeMath** | Library |  |||
| └ | tryAdd | Internal 🔒 |   | |
| └ | trySub | Internal 🔒 |   | |
| └ | tryMul | Internal 🔒 |   | |
| └ | tryDiv | Internal 🔒 |   | |
| └ | tryMod | Internal 🔒 |   | |
| └ | add | Internal 🔒 |   | |
| └ | sub | Internal 🔒 |   | |
| └ | mul | Internal 🔒 |   | |
| └ | div | Internal 🔒 |   | |
| └ | mod | Internal 🔒 |   | |
| └ | sub | Internal 🔒 |   | |
| └ | div | Internal 🔒 |   | |
| └ | mod | Internal 🔒 |   | |
||||||
| **Context** | Implementation |  |||
| └ | _msgSender | Internal 🔒 |   | |
| └ | _msgData | Internal 🔒 |   | |
||||||
| **Address** | Library |  |||
| └ | isContract | Internal 🔒 |   | |
| └ | sendValue | Internal 🔒 | 🛑  | |
| └ | functionCall | Internal 🔒 | 🛑  | |
| └ | functionCall | Internal 🔒 | 🛑  | |
| └ | functionCallWithValue | Internal 🔒 | 🛑  | |
| └ | functionCallWithValue | Internal 🔒 | 🛑  | |
| └ | functionStaticCall | Internal 🔒 |   | |
| └ | functionStaticCall | Internal 🔒 |   | |
| └ | functionDelegateCall | Internal 🔒 | 🛑  | |
| └ | functionDelegateCall | Internal 🔒 | 🛑  | |
| └ | _verifyCallResult | Private 🔐 |   | |
```

CONTRACT ASSESMENT

```
||||||
| **Ownable** | Implementation | Context |||
| └ | <Constructor> | Public ❗ | 🛑 |NO ❗ |
| └ | owner | Public ❗ | |NO ❗ |
| └ | renounceOwnership | Public ❗ | 🛑 | onlyOwner |
| └ | transferOwnership | Public ❗ | 🛑 | onlyOwner |
||||||
| **IUniswapV2Factory** | Interface | |||
| └ | feeTo | External ❗ | |NO ❗ |
| └ | feeToSetter | External ❗ | |NO ❗ |
| └ | getPair | External ❗ | |NO ❗ |
| └ | allPairs | External ❗ | |NO ❗ |
| └ | allPairsLength | External ❗ | |NO ❗ |
| └ | createPair | External ❗ | 🛑 |NO ❗ |
| └ | setFeeTo | External ❗ | 🛑 |NO ❗ |
| └ | setFeeToSetter | External ❗ | 🛑 |NO ❗ |
||||||
| **IUniswapV2Pair** | Interface | |||
| └ | name | External ❗ | |NO ❗ |
| └ | symbol | External ❗ | |NO ❗ |
| └ | decimals | External ❗ | |NO ❗ |
| └ | totalSupply | External ❗ | |NO ❗ |
| └ | balanceOf | External ❗ | |NO ❗ |
| └ | allowance | External ❗ | |NO ❗ |
| └ | approve | External ❗ | 🛑 |NO ❗ |
| └ | transfer | External ❗ | 🛑 |NO ❗ |
| └ | transferFrom | External ❗ | 🛑 |NO ❗ |
| └ | DOMAIN_SEPARATOR | External ❗ | |NO ❗ |
| └ | PERMIT_TYPEHASH | External ❗ | |NO ❗ |
| └ | nonces | External ❗ | |NO ❗ |
| └ | permit | External ❗ | 🛑 |NO ❗ |
| └ | MINIMUM_LIQUIDITY | External ❗ | |NO ❗ |
| └ | factory | External ❗ | |NO ❗ |
| └ | token0 | External ❗ | |NO ❗ |
| └ | token1 | External ❗ | |NO ❗ |
| └ | getReserves | External ❗ | |NO ❗ |
| └ | price0CumulativeLast | External ❗ | |NO ❗ |
| └ | price1CumulativeLast | External ❗ | |NO ❗ |
| └ | kLast | External ❗ | |NO ❗ |
| └ | mint | External ❗ | 🛑 |NO ❗ |
| └ | burn | External ❗ | 🛑 |NO ❗ |
| └ | swap | External ❗ | 🛑 |NO ❗ |
```

CONTRACT ASSESMENT

```
| └ | skim | External ❗ | 🛑 |NO ❗ |
| └ | sync | External ❗ | 🛑 |NO ❗ |
| └ | initialize | External ❗ | 🛑 |NO ❗ |
||||||
| **IUniswapV2Router01** | Interface | |||
| └ | factory | External ❗ | |NO ❗ |
| └ | WETH | External ❗ | |NO ❗ |
| └ | addLiquidity | External ❗ | 🛑 |NO ❗ |
| └ | addLiquidityETH | External ❗ | 💵 |NO ❗ |
| └ | removeLiquidity | External ❗ | 🛑 |NO ❗ |
| └ | removeLiquidityETH | External ❗ | 🛑 |NO ❗ |
| └ | removeLiquidityWithPermit | External ❗ | 🛑 |NO ❗ |
| └ | removeLiquidityETHWithPermit | External ❗ | 🛑 |NO ❗ |
| └ | swapExactTokensForTokens | External ❗ | 🛑 |NO ❗ |
| └ | swapTokensForExactTokens | External ❗ | 🛑 |NO ❗ |
| └ | swapExactETHForTokens | External ❗ | 💵 |NO ❗ |
| └ | swapTokensForExactETH | External ❗ | 🛑 |NO ❗ |
| └ | swapExactTokensForETH | External ❗ | 🛑 |NO ❗ |
| └ | swapETHForExactTokens | External ❗ | 💵 |NO ❗ |
| └ | quote | External ❗ | |NO ❗ |
| └ | getAmountOut | External ❗ | |NO ❗ |
| └ | getAmountIn | External ❗ | |NO ❗ |
| └ | getAmountsOut | External ❗ | |NO ❗ |
| └ | getAmountsIn | External ❗ | |NO ❗ |
||||||
| **IUniswapV2Router02** | Interface | IUniswapV2Router01 |||
| └ | removeLiquidityETHSupportingFeeOnTransferTokens | External ❗ | 🛑 |NO ❗ |
| └ | removeLiquidityETHWithPermitSupportingFeeOnTransferTokens | External ❗ | 🛑 |NO ❗ |
| └ | swapExactTokensForTokensSupportingFeeOnTransferTokens | External ❗ | 🛑 |NO ❗ |
| └ | swapExactETHForTokensSupportingFeeOnTransferTokens | External ❗ | 💵 |NO ❗ |
| └ | swapExactTokensForETHSupportingFeeOnTransferTokens | External ❗ | 🛑 |NO ❗ |
||||||
| **StitchInu** | Implementation | Context, IERC20, Ownable |||
| └ | <Constructor> | Public ❗ | 🛑 |NO ❗ |
| └ | name | Public ❗ | |NO ❗ |
| └ | symbol | Public ❗ | |NO ❗ |
| └ | decimals | Public ❗ | |NO ❗ |
| └ | totalSupply | Public ❗ | |NO ❗ |
| └ | balanceOf | Public ❗ | |NO ❗ |
| └ | transfer | Public ❗ | 🛑 |NO ❗ |
| └ | allowance | Public ❗ | |NO ❗ |
| └ | approve | Public ❗ | 🛑 |NO ❗ |
```

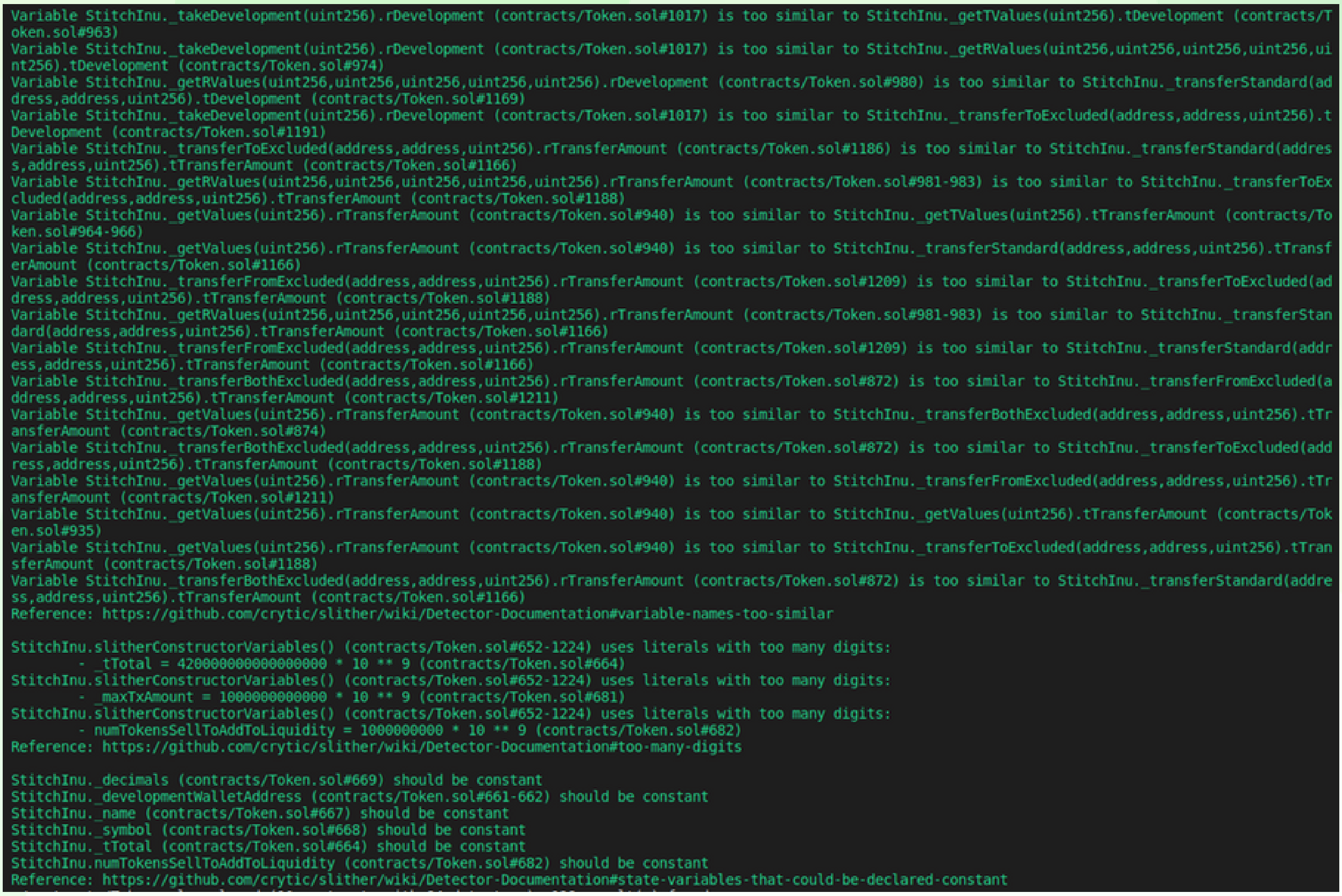
CONTRACT ASSESMENT

```
| └ | transferFrom | Public ❗ | 🛑 |NO ❗ |
| └ | increaseAllowance | Public ❗ | 🛑 |NO ❗ |
| └ | decreaseAllowance | Public ❗ | 🛑 |NO ❗ |
| └ | isExcludedFromReward | Public ❗ |  |NO ❗ |
| └ | totalFees | Public ❗ |  |NO ❗ |
| └ | deliver | Public ❗ | 🛑 |NO ❗ |
| └ | reflectionFromToken | Public ❗ |  |NO ❗ |
| └ | tokenFromReflection | Public ❗ |  |NO ❗ |
| └ | excludeFromReward | Public ❗ | 🛑 | onlyOwner |
| └ | includeInReward | External ❗ | 🛑 | onlyOwner |
| └ | _transferBothExcluded | Private 🔐 | 🛑 | |
| └ | excludeFromFee | Public ❗ | 🛑 | onlyOwner |
| └ | includeInFee | Public ❗ | 🛑 | onlyOwner |
| └ | setTaxFeePercent | External ❗ | 🛑 | onlyOwner |
| └ | setDevelopmentFeePercent | External ❗ | 🛑 | onlyOwner |
| └ | setLiquidityFeePercent | External ❗ | 🛑 | onlyOwner |
| └ | setMaxTxPercent | External ❗ | 🛑 | onlyOwner |
| └ | setSwapAndLiquifyEnabled | Public ❗ | 🛑 | onlyOwner |
| └ | <Receive Ether> | External ❗ | 💵 |NO ❗ |
| └ | _reflectFee | Private 🔐 | 🛑 | |
| └ | _getValues | Private 🔐 |  | |
| └ | _getTValues | Private 🔐 |  | |
| └ | _getRValues | Private 🔐 |  | |
| └ | _getRate | Private 🔐 |  | |
| └ | _getCurrentSupply | Private 🔐 |  | |
| └ | _takeLiquidity | Private 🔐 | 🛑 | |
| └ | _takeDevelopment | Private 🔐 | 🛑 | |
| └ | calculateTaxFee | Private 🔐 |  | |
| └ | calculateDevelopmentFee | Private 🔐 |  | |
| └ | calculateLiquidityFee | Private 🔐 |  | |
| └ | removeAllFee | Private 🔐 | 🛑 | |
| └ | restoreAllFee | Private 🔐 | 🛑 | |
| └ | isExcludedFromFee | Public ❗ |  |NO ❗ |
| └ | _approve | Private 🔐 | 🛑 | |
| └ | _transfer | Private 🔐 | 🛑 | |
| └ | swapAndLiquify | Private 🔐 | 🛑 | lockTheSwap |
| └ | swapTokensForEth | Private 🔐 | 🛑 | |
| └ | addLiquidity | Private 🔐 | 🛑 | |
| └ | _tokenTransfer | Private 🔐 | 🛑 | |
| └ | _transferStandard | Private 🔐 | 🛑 | |
| └ | _transferToExcluded | Private 🔐 | 🛑 | |
| └ | _transferFromExcluded | Private 🔐 | 🛑 | |
```

Legend

Symbol	Meaning
🛑	Function can modify state
💵	Function is payable

STATIC ANALYSIS



```
Variable StitchInu._takeDevelopment(uint256).rDevelopment (contracts/Token.sol#1017) is too similar to StitchInu._getTValues(uint256).tDevelopment (contracts/T
oken.sol#963)
Variable StitchInu._takeDevelopment(uint256).rDevelopment (contracts/Token.sol#1017) is too similar to StitchInu._getRValues(uint256,uint256,uint256,uint256,ui
nt256).tDevelopment (contracts/Token.sol#974)
Variable StitchInu._getRValues(uint256,uint256,uint256,uint256,uint256).rDevelopment (contracts/Token.sol#980) is too similar to StitchInu._transferStandard(ad
dress,address,uint256).tDevelopment (contracts/Token.sol#1169)
Variable StitchInu._takeDevelopment(uint256).rDevelopment (contracts/Token.sol#1017) is too similar to StitchInu._transferToExcluded(address,address,uint256).t
Development (contracts/Token.sol#1191)
Variable StitchInu._transferToExcluded(address,address,uint256).rTransferAmount (contracts/Token.sol#1186) is too similar to StitchInu._transferStandard(addres
s,address,uint256).tTransferAmount (contracts/Token.sol#1166)
Variable StitchInu._getRValues(uint256,uint256,uint256,uint256,uint256).rTransferAmount (contracts/Token.sol#981-983) is too similar to StitchInu._transferToEx
cluded(address,address,uint256).tTransferAmount (contracts/Token.sol#1188)
Variable StitchInu._getValues(uint256).rTransferAmount (contracts/Token.sol#940) is too similar to StitchInu._getTValues(uint256).tTransferAmount (contracts/To
ken.sol#964-966)
Variable StitchInu._getValues(uint256).rTransferAmount (contracts/Token.sol#940) is too similar to StitchInu._transferStandard(address,address,uint256).tTransf
erAmount (contracts/Token.sol#1166)
Variable StitchInu._transferFromExcluded(address,address,uint256).rTransferAmount (contracts/Token.sol#1209) is too similar to StitchInu._transferToExcluded(ad
dress,address,uint256).tTransferAmount (contracts/Token.sol#1188)
Variable StitchInu._getRValues(uint256,uint256,uint256,uint256,uint256).rTransferAmount (contracts/Token.sol#981-983) is too similar to StitchInu._transferStan
dard(address,address,uint256).tTransferAmount (contracts/Token.sol#1166)
Variable StitchInu._transferFromExcluded(address,address,uint256).rTransferAmount (contracts/Token.sol#1209) is too similar to StitchInu._transferStandard(addr
ess,address,uint256).tTransferAmount (contracts/Token.sol#1166)
Variable StitchInu._transferBothExcluded(address,address,uint256).rTransferAmount (contracts/Token.sol#872) is too similar to StitchInu._transferFromExcluded(a
ddress,address,uint256).tTransferAmount (contracts/Token.sol#1211)
Variable StitchInu._getValues(uint256).rTransferAmount (contracts/Token.sol#940) is too similar to StitchInu._transferBothExcluded(address,address,uint256).tTr
ansferAmount (contracts/Token.sol#874)
Variable StitchInu._transferBothExcluded(address,address,uint256).rTransferAmount (contracts/Token.sol#872) is too similar to StitchInu._transferToExcluded(add
ress,address,uint256).tTransferAmount (contracts/Token.sol#1188)
Variable StitchInu._getValues(uint256).rTransferAmount (contracts/Token.sol#940) is too similar to StitchInu._transferFromExcluded(address,address,uint256).tTr
ansferAmount (contracts/Token.sol#1211)
Variable StitchInu._getValues(uint256).rTransferAmount (contracts/Token.sol#940) is too similar to StitchInu._getValues(uint256).tTransferAmount (contracts/Tok
en.sol#935)
Variable StitchInu._getValues(uint256).rTransferAmount (contracts/Token.sol#940) is too similar to StitchInu._transferToExcluded(address,address,uint256).tTran
sferAmount (contracts/Token.sol#1188)
Variable StitchInu._transferBothExcluded(address,address,uint256).rTransferAmount (contracts/Token.sol#872) is too similar to StitchInu._transferStandard(addre
ss,address,uint256).tTransferAmount (contracts/Token.sol#1166)
Reference: https://github.com/crytic/slither/wiki/Detector-Documentation#variable-names-too-similar

StitchInu.slitherConstructorVariables() (contracts/Token.sol#652-1224) uses literals with too many digits:
        - _tTotal = 420000000000000000 * 10 ** 9 (contracts/Token.sol#664)
StitchInu.slitherConstructorVariables() (contracts/Token.sol#652-1224) uses literals with too many digits:
        - _maxTxAmount = 1000000000000 * 10 ** 9 (contracts/Token.sol#681)
StitchInu.slitherConstructorVariables() (contracts/Token.sol#652-1224) uses literals with too many digits:
        - numTokensSellToAddToLiquidity = 1000000000 * 10 ** 9 (contracts/Token.sol#682)
Reference: https://github.com/crytic/slither/wiki/Detector-Documentation#too-many-digits

StitchInu._decimals (contracts/Token.sol#669) should be constant
StitchInu._developmentWalletAddress (contracts/Token.sol#661-662) should be constant
StitchInu._name (contracts/Token.sol#667) should be constant
StitchInu._symbol (contracts/Token.sol#668) should be constant
StitchInu._tTotal (contracts/Token.sol#664) should be constant
StitchInu.numTokensSellToAddToLiquidity (contracts/Token.sol#682) should be constant
Reference: https://github.com/crytic/slither/wiki/Detector-Documentation#state-variables-that-could-be-declared-constant
```

Static Analysis

an static analysis of the code were performed using slither. No issues were found

FUNCTIONAL TESTING

1- Adding liquidity (passed):
https://testnet.bscscan.com/tx/0x2dfb91488258207abc4ade19e9e644f2498caeffae6928e00b76695905700eb0

2- Buying when excluded from fees (0% tax) (passed):
https://testnet.bscscan.com/tx/0xe6dfea296bdd90de03a84476739e36240df433a8c40615fce63a7f5f99755be8

3- Selling when excluded from fees (0% tax) (passed):
https://testnet.bscscan.com/tx/0x5868b32394610b740fa2c47e2cd5351309995d2c2207a5696dee3812b51dd75c

4- Transferring when excluded from fees (0% tax) (passed):
https://testnet.bscscan.com/tx/0xfebf8d3db996af9fa466663c8c70b2659f8bfda546f5cec0bd0b52aa074eaf90

5- Buying when not excluded from fees (0-10% tax) (passed):
https://testnet.bscscan.com/tx/0xaf6860b3a4bfb7e6d011ad9c51dde82aec89082221fc8fe8857bd879668258ca

6- Selling when not excluded from fees (0-10% tax) (passed):
https://testnet.bscscan.com/tx/0x0fa9002bc8f27388df3b0a8b03f4ed7763843ec9c71a04fb7a22f21c27d36bd0

7- Transferring when not excluded from fees (0% tax) (passed):
https://testnet.bscscan.com/tx/0xcafca8d6ed4265fa22c94a83356d5d9c3749670bf281eeaa7b11c455b35472ca

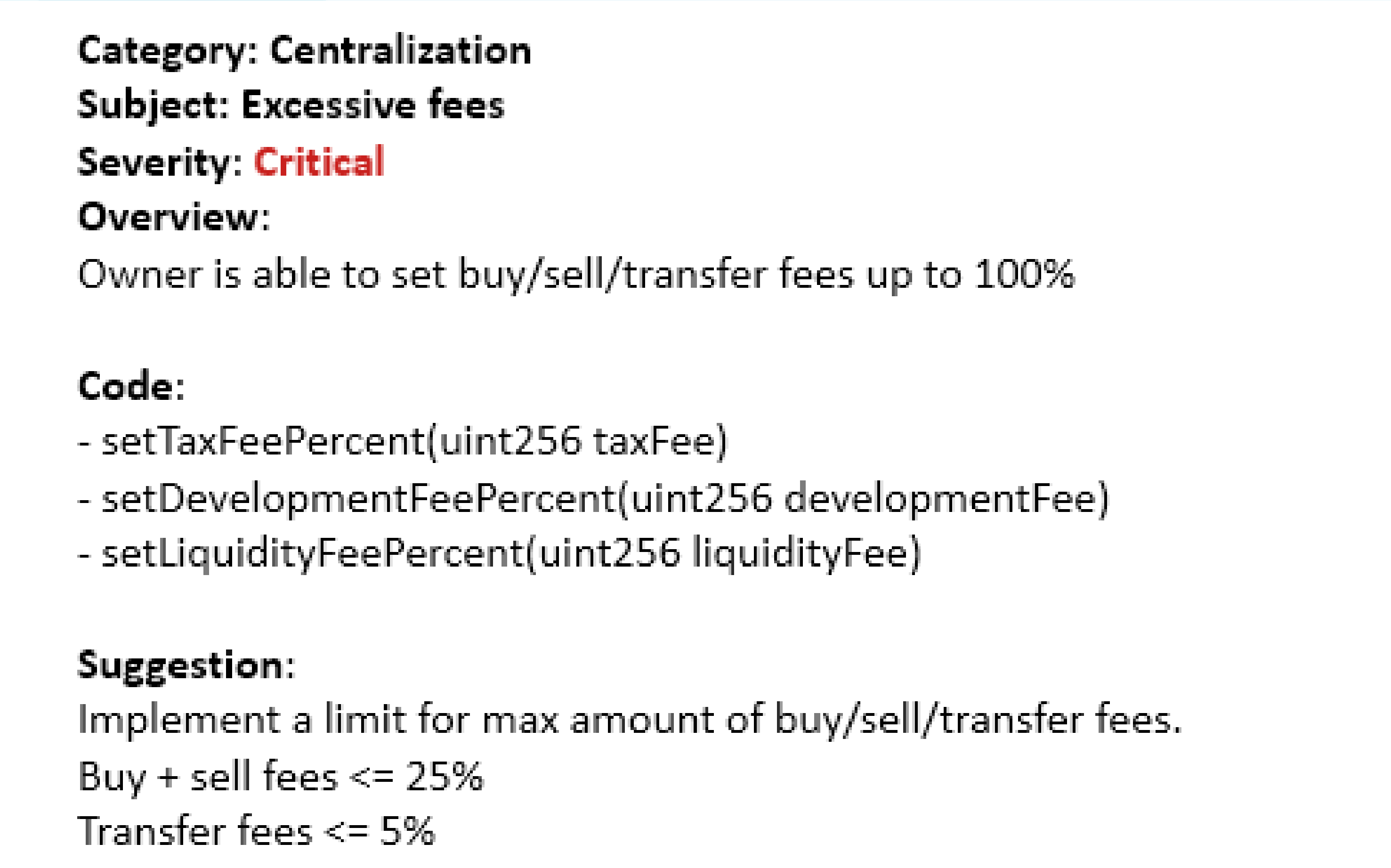
FUNCTIONAL TESTING

8- Internal swap (passed):

Marketing BNB – Auto-liquidity

https://testnet.bscscan.com/tx/0x0fa9002bc8f27388df3b0a8b03f4ed7763843ec9c71a04fb7a22f21c27d36bd0

FUNCTIONAL TESTING



Category: Centralization

Subject: Excessive fees

Severity: Critical

Overview:

Owner is able to set buy/sell/transfer fees up to 100%

Code:

- setTaxFeePercent(uint256 taxFee)
- setDevelopmentFeePercent(uint256 developmentFee)
- setLiquidityFeePercent(uint256 liquidityFee)

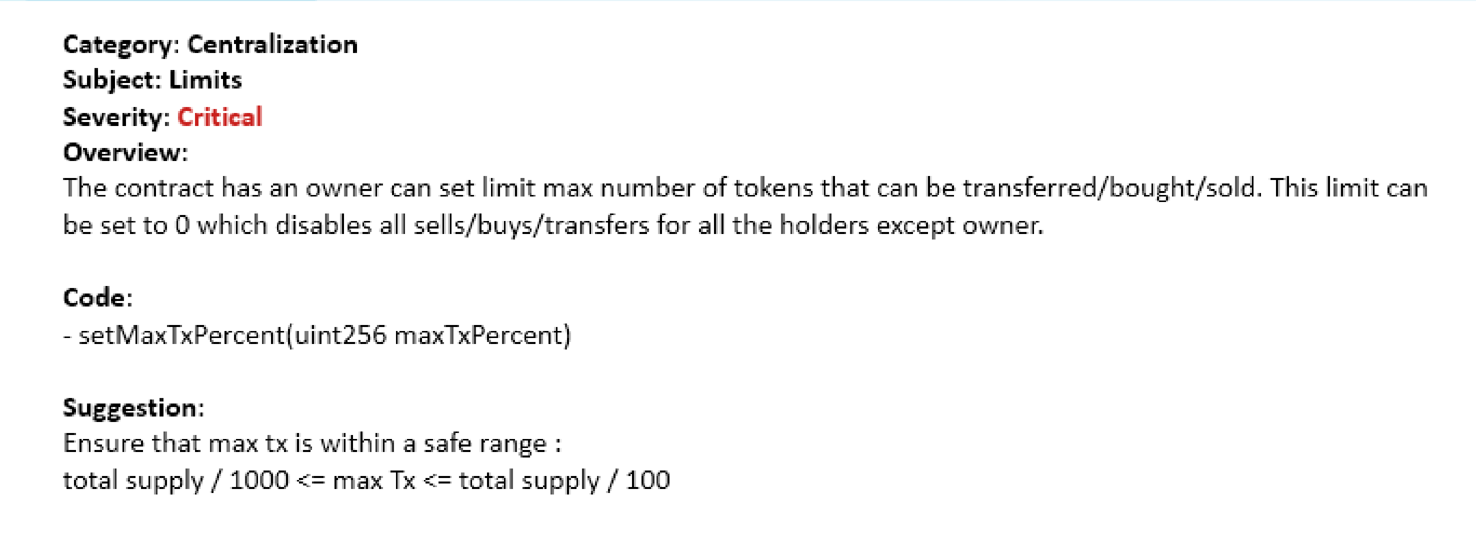
Suggestion:

Implement a limit for max amount of buy/sell/transfer fees.

Buy + sell fees <= 25%

Transfer fees <= 5%

FUNCTIONAL TESTING

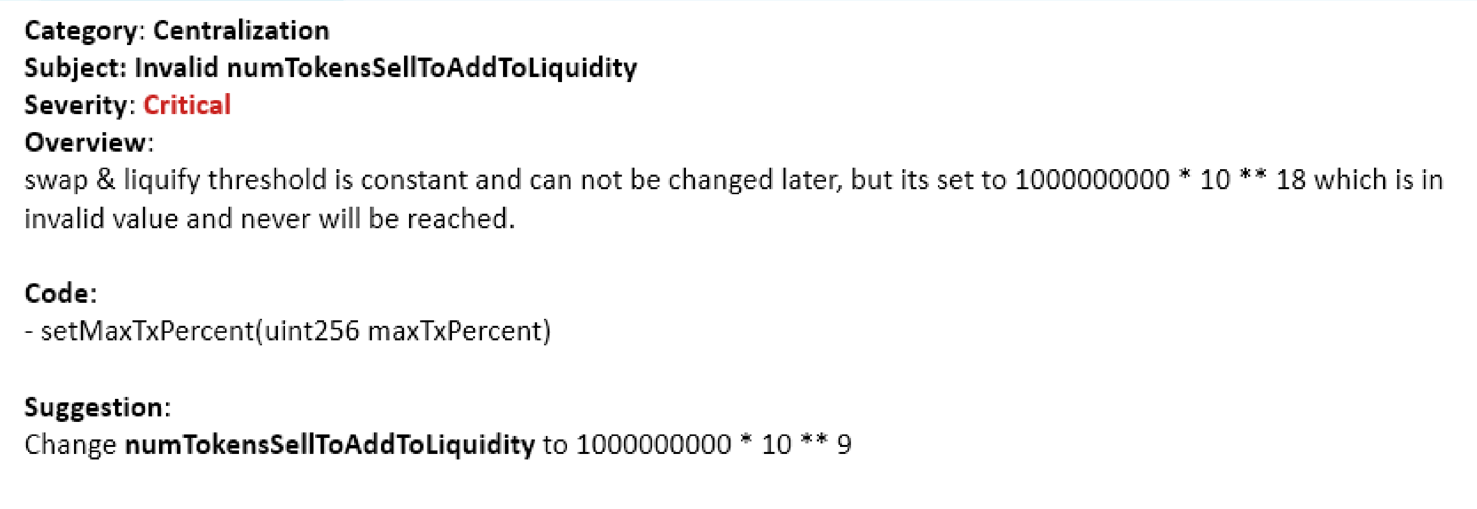


Category: Centralization
Subject: Limits
Severity: Critical
Overview:
The contract has an owner can set limit max number of tokens that can be transferred/bought/sold. This limit can be set to 0 which disables all sells/buys/transfers for all the holders except owner.

Code:
- setMaxTxPercent(uint256 maxTxPercent)

Suggestion:
Ensure that max tx is within a safe range :
total supply / 1000 <= max Tx <= total supply / 100

FUNCTIONAL TESTING



Category: **Centralization**
Subject: Invalid numTokensSellToAddToLiquidity
Severity: **Critical**
Overview:
swap & liquify threshold is constant and can not be changed later, but its set to 1000000000 * 10 ** 18 which is in invalid value and never will be reached.

Code:
- setMaxTxPercent(uint256 maxTxPercent)

Suggestion:
Change **numTokensSellToAddToLiquidity** to 1000000000 * 10 ** 9

DISCLAIMER

All the content provided in this document is for general information only and should not be used as financial advice or a reason to buy any investment. Team provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Always Do your own research and protect yourselves from being scammed. The Auditace team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools. Under no circumstances did Auditace receive a payment to manipulate those results or change the awarding badge that we will be adding in our website. Always Do your own research and protect yourselves from scams. This document should not be presented as a reason to buy or not buy any particular token. The Auditace team disclaims any liability for the resulting losses.

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We specializes in providing thorough and reliable audits for Web3 projects. With a team of experienced professionals, we use cutting-edge technology and rigorous methodologies to evaluate the security and integrity of blockchain systems. We are committed to helping our clients ensure the safety and transparency of their digital assets and transactions.

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