

# SMART CONTRACT AUDIT

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PREPARED FOR

**TATE INU** 



# **INTRODUCTION**

Auditing Firm	InterFi Network
Client Firm	Tate Inu
Methodology	Automated Analysis, Manual Code Review
Language	Solidity
Contract	0xFae26C55356D7d8b511D0fA5C03568A30d1B9a2F
Blockchain	Binance Smart Chain
Centralization	Active ownership
Commit AUDIT REPORT CONFI	f6705178801073eb90fd03bc4bd7e98fea2ac848
Website	https://tateinu.finance/
Telegram	https://t.me/Tatelnu
Twitter	https://twitter.com/Tateinutoken
Discord	http://discord.gg/PRTye2N4Mf
Report Date	November 28, 2022

I Verify the authenticity of this report on our website: <a href="https://www.interfi.network/audits">https://www.interfi.network/audits</a>



# **EXECUTIVE SUMMARY**

InterFi has performed the automated and manual analysis of solidity codes. Solidity codes were reviewed for common contract vulnerabilities and centralized exploits. Here's a quick audit summary:

Status	Critical	Major 🛑	Medium 🛑	Minor	Unknown
Open	0	1	2	2	0
Acknowledged	1	0	1	3	0
Resolved	0	0	0	1	0

Noteworthy Privileges Blacklist, Set Can Always Trade, Exclude from Selling, Set Can Burn, Set Antibot, Set Launch Protection, Set High Tax Countdown, Set Taxes, Set Sell Limit, Set Hold Limit, Burn, Burn From, Run Dividends / Swap Manually

Please note that smart contracts deployed on blockchains aren't resistant to exploits, vulnerabilities and/or hacks. Blockchain and cryptography assets utilize new and emerging technologies. These technologies present a high level of ongoing risks. For a detailed understanding of risk severity, source code vulnerability, and audit limitations, kindly review the audit report thoroughly.

Please note that centralization privileges regardless of their inherited risk status - constitute an elevated impact on smart contract safety and security.



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# **SCOPE OF WORK**

InterFi was consulted by Tate Inu to conduct the smart contract audit of their solidity source codes.

The audit scope of work is strictly limited to mentioned solidity file(s) only:

- o \_TateInu.sol
- If source codes are not deployed on the main net, they can be modified or altered before mainnet deployment. Verify the contract's deployment status below:

Public Contract Link				
https://bscscan.com/token/0xFae26C55356D7d8b511D0fA5C03568A30d1B9a2F#code				
Contract Name	Tatelnur FI INTERFI INTERFI INTERFI INTERF			
Compiler Version	0.8.7			
License	Unlicensed			



# **AUDIT METHODOLOGY**

Smart contract audits are conducted using a set of standards and procedures. Mutual collaboration is essential to performing an effective smart contract audit. Here's a brief overview of InterFi's auditing process and methodology:

#### CONNECT

The onboarding team gathers source codes, and specifications to make sure we understand the size, and scope of the smart contract audit.

#### **AUDIT**

- Automated analysis is performed to identify common contract vulnerabilities. We may use the following third-party frameworks and dependencies to perform the automated analysis:
  - Remix IDE Developer Tool
  - Open Zeppelin Code Analyzer
  - SWC Vulnerabilities Registry
  - DEX Dependencies, e.g., Pancakeswap, Uniswap
- Simulations are performed to identify centralized exploits causing contract and/or trade locks.
- A manual line-by-line analysis is performed to identify contract issues and centralized privileges.
   We may inspect below mentioned common contract vulnerabilities, and centralized exploits:

	o Token Supply Manipulation
	o Access Control and Authorization
	o Assets Manipulation
Controlized Evaleite	o Ownership Control
Centralized Exploits	o Liquidity Access
	o Stop and Pause Trading
	o Ownable Library Verification



	0	Integer Overflow
	0	Lack of Arbitrary limits
	0	Incorrect Inheritance Order
	0	Typographical Errors
	0	Requirement Violation
	0	Gas Optimization
	0	Coding Style Violations
Common Contract Vulnerabilities	0	Re-entrancy
	0	Third-Party Dependencies
	0	Potential Sandwich Attacks
	0	Irrelevant Codes
	0	Divide before multiply
	0	Conformance to Solidity Naming Guides
		Compiler Specific Warnings
	0	Language Specific Warnings

#### **REPORT**

- o The auditing team provides a preliminary report specifying all the checks which have been performed and the findings thereof.
- o The client's development team reviews the report and makes amendments to solidity codes.
- o The auditing team provides the final comprehensive report with open and unresolved issues.

#### **PUBLISH**

- o The client may use the audit report internally or disclose it publicly.
- It is important to note that there is no pass or fail in the audit, it is recommended to view the audit as an unbiased assessment of the safety of solidity codes.



# **RISK CATEGORIES**

Smart contracts are generally designed to hold, approve, and transfer tokens. This makes them very tempting attack targets. A successful external attack may allow the external attacker to directly exploit. A successful centralization-related exploit may allow the privileged role to directly exploit. All risks which are identified in the audit report are categorized here for the reader to review:

Risk Type	Definition
Critical •	These risks could be exploited easily and can lead to asset loss, data loss, asset, or data manipulation. They should be fixed right away.
Major •	These risks are hard to exploit but very important to fix, they carry an elevated risk of smart contract manipulation, which can lead to high-risk severity.
Medium • INTERF	These risks should be fixed, as they carry an inherent risk of future exploits, and hacks which may or may not impact the smart contract execution. Low-risk reentrancy-related vulnerabilities should be fixed to deter exploits.
Minor •	These risks do not pose a considerable risk to the contract or those who interact with it. They are code-style violations and deviations from standard practices. They should be highlighted and fixed nonetheless.
Unknown	These risks pose uncertain severity to the contract or those who interact with it. They should be fixed immediately to mitigate the risk uncertainty.

All statuses which are identified in the audit report are categorized here for the reader to review:

Status Type	Definition
Open	Risks are open.
Acknowledged	Risks are acknowledged, but not fixed.
Resolved	Risks are acknowledged and fixed.



# **CENTRALIZED PRIVILEGES**

Centralization risk is the most common cause of cryptography asset loss. When a smart contract has a privileged role, the risk related to centralization is elevated.

There are some well-intended reasons have privileged roles, such as:

- o Privileged roles can be granted the power to pause() the contract in case of an external attack.
- o Privileged roles can use functions like, include(), and exclude() to add or remove wallets from fees, swap checks, and transaction limits. This is useful to run a presale and to list on an exchange.

Authorizing privileged roles to externally-owned-account (EOA) is dangerous. Lately, centralization-related losses are increasing in frequency and magnitude.

- o The client can lower centralization-related risks by implementing below mentioned practices:
- o Privileged role's private key must be carefully secured to avoid any potential hack.
- Privileged role should be shared by multi-signature (multi-sig) wallets.
- Authorized privilege can be locked in a contract, user voting, or community DAO can be introduced to unlock the privilege.
- o Renouncing the contract ownership, and privileged roles.
- Remove functions with elevated centralization risk.
- Understand the project's initial asset distribution. Assets in the liquidity pair should be locked.

  Assets outside the liquidity pair should be locked with a release schedule.



# **AUTOMATED ANALYSIS**

Symbol	Definition
•	Function modifies state
<b>(</b> \$)	Function is payable
	Function is internal
<b>a</b>	Function is private
!	Function is important

```
| **TateInu** | Implementation | BaseErc20, AntiSniper, Burnable, Taxable, Dividends |||
| L | <Constructor> | Public ! | • | NO! |
| L | launch | Public ! | 🛑 | onlyOwner |
| └ | configure | Internal 🍙 | 🔴 | |
| L | preTransfer | Internal 🗎 | 🛑 | |
| L | calculateTransferAmount | Internal 🗎 | 🛑 | |
| L | setExcludedFromSelling | External ! | OnlyOwner |
| L | setTradingEnabled | External ! | • | onlyOwner |
| **DividendDistributor** | Implementation | IDividendDistributor |||
| L | <Constructor> | Public ! | • | NO! |
| L | setDistributionCriteria | External ! | onlyToken |
| L | setDistributionCriteria | External ! | e | onlyToken |
| L | setShare | External ! | 🔴 | onlyToken |
| L | depositNative | External ! | 💹 | onlyDistributor |
| └ | depositToken | External ! | ● | onlyDistributor |
| └ | process | External ! | ● | onlyToken swapLock |
| └ | shouldDistributeToken | Private 🔐 | | |
| └ | distributeTokenDividend | Private 🗳 | 🔎 | |
```



```
| L | claimDividend | External ! | • | NO! |
| L | getUnpaidTokenEarnings | Public ! | NO! |
| └ | addShareholder | Private 🔐 | 🛑 | |
| L | removeShareholder | Private 🔐 | 🔴 | |
\Pi\Pi\Pi\Pi
| **IPinkAntiBot** | Interface | |||
| L | setTokenOwner | External ! | • | NO! |
| L | onPreTransferCheck | External ! | • | NO! |
| **AntiSniper** | Implementation | BaseErc20 |||
| └ | configure | Internal 🗎 | 🔴 | |
| L | launch | Public ! | launch | onlyOwner |
| └ | preTransfer | Internal 🗎 | 🛑 | |
| └ | calculateTransferAmount | Internal 🗎 | 🛑 | |
| L | maxHoldAmount | Public ! | NO! |
| L | maxSellAmount | Public ! | NO! |
| L | sniperTax | Public ! | NO! |
| L | configurePinkAntiBot | External ! | 🔎 | onlyOwner |
| L | setBlockLogProtection | External ! | Properties | onlyOwner |
| L | setHighTaxCountdown | External ! | • | onlyOwner |
| L | setPinkAntiBot | External ! | • | onlyOwner |
| L | setMaxHoldPercentage | External ! | OnlyOwner |
| L | setMaxGasLimit | External ! | • | onlyOwner |
| L | setIsSniper | External ! | 🔴 | onlyOwner |
| L | setNeverSniper | External ! | 📦 | onlyOwner |
| **BaseErc20** | Implementation | IERC20, IOwnable |||
| L | totalSupply | Public ! | NO! |
```



```
| L | balanceOf | Public ! | NO! | |
| L | allowance | Public ! | NO! |
| L | transfer | Public ! | 🔴 | tradingEnabled |
| └ | approve | Public ! | ● | tradingEnabled |
| └ | transferFrom | Public ! | ● | tradingEnabled |
| └ | increaseAllowance | Public ! | ● | tradingEnabled |
| └ | decreaseAllowance | Public ! | ● | tradingEnabled |
| L | launch | Public ! | 🔴 | onlyOwner |
| └ | preTransfer | Internal 🗎 | ● | |
| └ | calculateTransferAmount | Internal 🗎 | 🛑 | |
| └ | postTransfer | Internal 🔒 | 🔴 | |
| L | changeOwner | External ! | 🔎 | onlyOwner |
| L | removeBnb | External ! | 🔎 | onlyOwner |
| L | transferTokens | External ! | 🛑 | onlyOwner |
| L | setCanAlwaysTrade | External ! | 📦 | onlyOwner |
| L | setExchange | External ! | G | onlyOwner |
| L | getRouterAddress | Internal 🗎 |
\Pi\Pi\Pi\Pi
| **Burnable** | Implementation | BaseErc20, IBurnable |||
| L | setAbleToBurn | External ! | 🔴 | onlyOwner |
| L | burn | Public ! | left | onlyBurner |
| L | burnFrom | Public ! | 🛑 | onlyBurner |
1111111
| **Dividends** | Implementation | BaseErc20 |||
| └ | configure | Internal 🗎 | 🔴 | |
| └ | postTransfer | Internal 🔒 | 🔴 | |
| L | dividendDistributorAddress | Public ! | NO! |
| L | setDividendDistributionThresholds | External ! | 🔴 | onlyOwner |
| | setAutoDistributeDividends | External ! | • | onlyOwner |
```



```
| └ | setIsDividendExempt | External ! | ● | onlyOwner |
| L | runDividendsManually | External ! | 🔎 | onlyOwner |
| **IOwnable** | Interface | |||
| L | owner | External ! | NO! |
\Pi\Pi\Pi\Pi
| **IERC20** | Interface | |||
| L | totalSupply | External ! | NO! |
| L | balanceOf | External ! |
                               |N0 ! |
| L | allowance | External ! | NO! | |
| L | transfer | External ! | 🔎 |NO! |
| L | approve | External ! | O | NO! |
| L | transferFrom | External ! | • | NO! |
\Pi\Pi\Pi\Pi
| **IBurnable** | Interface | |||
L | burn | External | | NO! |
| L | burnFrom | External ! | GONF DENTIAL
1111111
| **IDEXFactory** | Interface | |||
| L | createPair | External ! | 🛑 |NO! |
| **IDEXRouter** | Interface | |||
| L | factory | External ! | NO! |
| L | WETH | External ! | NO! |
| L | addLiquidityETH | External ! | 🐸 |NO! |
| L | swapExactTokensForETH | External ! | 🔎 |NO! |
| └ | swapExactTokensForETHSupportingFeeOnTransferTokens | External ! | ● |NO! |
111111
| **IDividendDistributor** | Interface | |||
| L | setDistributionCriteria | External ! | 🔴 | NO! |
| L | setShare | External ! | • |NO! |
| L | depositNative | External ! | 💹 |NO! |
```



```
| L | depositToken | External ! | ● |NO! |
| └ | process | External ! | ● |NO! |
| L | inSwap | External ! | NO! |
| **ITaxDistributor** | Interface | |||
| L | <Receive Ether> | External ! | 💹 |NO! |
| L | lastSwapTime | External ! | NO! |
| L | inSwap | External ! |
| └ | createWalletTax | External ! | ● |NO! |
| └ | createDistributorTax | External ! | ● |NO! |
| L | createDividendTax | External ! | 🔎 |NO! |
| L | createBurnTax | External ! | 🛑 |NO! |
| └ | createLiquidityTax | External ! | ● |NO! |
| L | distribute | External ! | 🐸 |NO! |
| L | getSellTax | External ! | NO! |
| L | getBuyTax | External ! | | NO! |
| L | setTaxWallet | External ! | ● |NO! |
| L | setSellTax | External ! | O | NO! |
| └ | setBuyTax | External ! | ● |NO! |
| L | takeSellTax | External ! | 🔴 |NO! |
| L | takeBuyTax | External ! | 🔎 |NO! |
\Pi\Pi\Pi\Pi
| **IWalletDistributor** | Interface | |||
| └ | receiveToken | External ! | ● |NO! |
111111
| **SafeMath** | Library |
                           \Pi\Pi
| <sup>L</sup> | mul | Internal 🗎 |
| L | mul | Internal 🔒 |
| L | div | Internal 🔒 |
                           | |
| <sup>L</sup> | div | Internal 🔒 |
                           | |
| <sup>L</sup> | sub | Internal 🔒 |
                           | |
| L | sub | Internal 🗎 |
                           | |
```



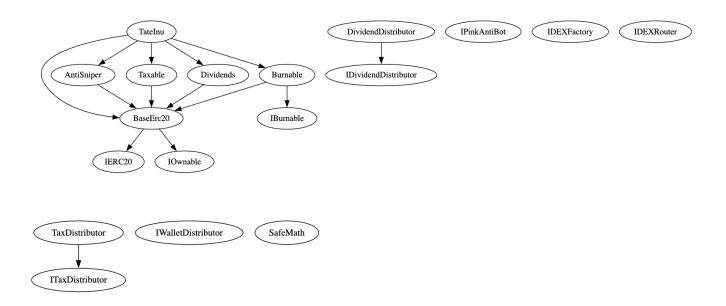
```
| L | add | Internal 🗎 |
\mid L \mid add \mid Internal \mid \Box \mid
| L | mod | Internal 🗎 |
                         III
| **Taxable** | Implementation | BaseErc20 |||
| └ | configure | Internal 🗎 | 🔴 | |
| L | calculateTransferAmount | Internal 🗎 | 🛑 | |
| └ | preTransfer | Internal 🔒 | 🛑 | |
| L | sellTax | Public ! |
| L | buyTax | Public ! | NO! |
| L | taxDistributorAddress | Public ! | NO! |
| L | setAutoSwaptax | External ! | Page | onlyOwner |
| └ | setTaxDistributionThresholds | External ! | ● | onlyOwner |
| L | setSellTax | External ! | 🔴 | onlyOwner |
| L | setBuyTax | External ! | 🔴 | onlyOwner |
| L | setTaxWallet | External ! | • | onlyOwner |
| └ | runSwapManually | External ! | ● | onlyOwner isLaunched |
| **TaxDistributor** | Implementation | ITaxDistributor |||
| └ | <Constructor> | Public ! | ● |NO! |
| L | <Receive Ether> | External ! | 💹 |NO! |
| L | createWalletTax | Public ! | • | onlyToken |
| L | createDistributorTax | Public ! | 🔴 | onlyToken |
| L | createDividendTax | Public ! | 🔴 | onlyToken |
| L | createBurnTax | Public ! | 🔎 | onlyToken |
| L | createLiquidityTax | Public ! | 🔴 | onlyToken |
| L | distribute | Public ! | 🐸 | onlyToken swapLock |
| L | getSellTax | Public ! | onlyToken |
| L | getBuyTax | Public ! | onlyToken |
| L | setTaxWallet | Public ! | 🔴 | onlyToken |
```



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# **INHERITANCE GRAPH**







# **MANUAL REVIEW**

Identifier	Definition	Severity
CEN-01	Centralization privileges of Tate Inu	Critical •
CEN-07	Authorizations and access controls	Citical

Important only0wner centralized privileges are listed below:

launch setExcludedFromSellingsetTradingEnabled configurePinkAntiBot setSniperBlocking setBlockLogProtection setHighTaxCountdown setPinkAntiBot

setMaxSellPercentage

setMaxHoldPercentage

setMaxGasLimit

setIsSniper

setNeverSniper

changeOwner

removeBnb

transferTokens

setCanAlwaysTrade

setExchange

setAbleToBurn

setDividendDistributionThresholds

setAutoDistributeDividends

 ${\tt setIsDividendExempt}$ 

runDividendsManually

setAutoSwaptax

setTaxDistributionThresholds

setSellTax

setBuyTax

setTaxWallet

runSwapManually





Important onlyBurner access control privileges are listed below:

burn

burnFrom

Important onlyDistributor access control privileges are listed below:

depositNative
depositToken

Important onlyToken access control privileges are listed below:

setDistributionCriteria
setShare
process
createWalletTax
createDistributorTax
createDividendTax
createBurnTax
createLiquidityTax
distribute
setTaxWallet
setSellTax
setBuyTax

#### **RECOMMENDATION**

Deployer, contract owner, and/or privileged roles' private keys must be secured carefully. Inadequate access control restriction leads to loss of assets. Please refer to PAGE-09 CENTRALIZED PRIVILEGES for a detailed understanding.





Identifier	Definition	Severity
CEN-02	Initial asset distribution	Minor

All of the initially minted assets are sent to the contract deployer when deploying the contract. This can be an issue as the deployer and/or contract owner can distribute tokens without consulting the community.

```
_totalSupply = _totalSupply.add(100_000_000 * 10 ** decimals);
_balances[owner] = _balances[owner].add(_totalSupply);
emit Transfer(address(0), owner, _totalSupply);
```

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#### **RECOMMENDATION**

Project must communicate with stakeholders and obtain the community consensus while distributing assets.



Identifier	Definition	Severity
CEN-03	Privileged role setting blacklist, block from sell privilege, high-tax, launch protection, and bot protection	Major 🔵

Privileged role can call various functions to protect against buy-sell whales, bots, and malicious addresses.

```
function setIsSniper(address who, bool enabled) external onlyOwner {
    isSniper[who] = enabled;
}

function setSniperBlocking(bool enabled) external onlyOwner {
    enableSniperBlocking = enabled;
}

function setBlockLogProtection(bool enabled) external onlyOwner {
    enableBlockLogProtection = enabled;
}

function setHighTaxCountdown(bool enabled) external onlyOwner {
    enableHighTaxCountdown = enabled;
}

function setExcludedFromSelling(address who, bool isExcluded) external onlyOwner {
    excludedFromSelling[who] = isExcluded;
}
```

#### **RECOMMENDATION**

Mentioned functions, though necessary for a successful launch, elevates centralization related risks. Please refer to PAGE-09 CENTRALIZED PRIVILEGES for a detailed understanding.



Identifier	Definition	Severity
CEN-04	Privileged role receiving LP tokens	Minor

Smart contract function distribute sends liquidity to taxes[i].location.

```
_router.addLiquidityETH{value: taxes[i].share}(
    _token,
    half,
    0,
    0,
    taxes[i].location,
    block.timestamp + 300
);
```

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### **RECOMMENDATION**

Send LP tokens to dead address or unreachable address.



Identifier	Definition	Severity
LOG-01	Lack of arbitrary limits	Medium 🔵

Below mentioned functions are set without any arbitrary limits.

setHighTaxCountdown
setMaxSellPercentage
setMaxHoldPercentage
setMaxGasLimit
setDividendDistributionThresholds
setTaxDistributionThresholds
setDistributionCriteria

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#### **RECOMMENDATION**

These functions should be provided arbitrary limits, e.g., put a require check that allows maximum tax change up to 25%.



Identifier	Definition	Severity
LOG-02	Potential sandwich attack	Minor

Potential sandwich attack happens when an attacker observes a transaction swapping tokens or adding liquidity without setting restrictions on slippage or minimum output amount. The attacker can manipulate the exchange rate by front-running a transaction to purchase assets and make profits by back-running a transaction to sell assets. Below mentioned functions are called without setting restrictions on slippage or minimum output:

addLiquidityETH swapExactTokensForETH

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#### **RECOMMENDATION**

These functions should be provided reasonable minimum output amounts, instead of zero. Read more: <a href="https://coinmarketcap.com/alexandria/article/what-are-sandwich-attacks-in-defi-and-how-can-you-avoid-them">https://coinmarketcap.com/alexandria/article/what-are-sandwich-attacks-in-defi-and-how-can-you-avoid-them</a>



Identifier	Definition	Severity
COD-02	Timestamp manipulation via block.timestamp  Avoid using block.number as timestamp	Minor •

Be aware that the timestamp of the block can be manipulated by a miner. When the contract uses the timestamp to seed a random number, the miner can actually post a timestamp within 15 seconds of the block being validated, effectively allowing the miner to precompute an option more favorable to their chances, this is a critical exploit for contracts calculating random numbers, e.g., lottery.

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#### **RECOMMENDATION**

To maintain block integrity, follow 15 seconds rule, and scale time dependent events accordingly.

#### **PARTIAL RESOLUTION**

block.timestamp events are scaled accordingly.



Identifier	Definition	Severity
COD-03	burnFrom() with allowance limit	Medium 🔵

```
burnFrom()wallets elevates centralization related risk.onlyOwner can setAbleToBurn()

function setAbleToBurn(address who, bool enabled) external onlyOwner {
    ableToBurn[who] = enabled;
}

function burnFrom(address account, uint256 value) public override onlyBurner {
    _allowed[account][msg.sender] = _allowed[account][msg.sender].sub(value);
    burn(account, value);
    emit Approval(account, msg.sender, _allowed[account][msg.sender]);
}
```

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#### **RECOMMENDATION**

To maintain logic integrity, deter centralized burn control, fix allowance and caller requirements.



Identifier	Definition	Severity
COD-06	Unknown externally owned account	Minor

An externally owned account (EOA) has no code, and one can send messages from an externally owned account by creating and signing a transaction.

0x86cd300568A16Ece0362e665425219FbEDDf8BdA
0xB8a0ca0F438d70AA1db912025b62Bb38F10f41dc
0x2f15F07BD4Ce8F870d3A322E3CdC5933D53Bd5d4

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#### **RECOMMENDATION**

Private keys of externally owned accounts must be secured carefully.



Identifier	Definition	Severity
COD-09	transferTokens can withdraw native tokens	Medium 🛑

Smart contract function transferTokens can withdraw native tokens.

```
function transferTokens(address token, address to) external onlyOwner returns(bool){
   uint256 balance = IERC20(token).balanceOf(address(this));
   return IERC20(token).transfer(to, balance);
}
```

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#### **RECOMMENDATION**

transferTokens() should not be able to remove native tokens destined for tax, distribution, burn and/or liquidity.



Identifier	Definition	Severity
COD-10	Third Party Dependencies	Minor

Smart contract is interacting with third party protocols e.g., Pancakeswap. The scope of the audit treats third party entities as black boxes and assumes their functional correctness. However, in the real world, third parties can be compromised, and exploited. Moreover, upgrades in third parties can create severe impacts, e.g., increased transactional fees, deprecation of previous routers, etc.

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#### **RECOMMENDATION**

Inspect third party dependencies regularly, and mitigate severe impacts whenever necessary.



Identifier	Definition	Severity
VOL-01	Irrelevant code	Minor

Redundant code in SafeMath, launch(), ERC20

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#### **RECOMMENDATION**

Remove redundant and dead code.



Identifier	Definition	Severity
COM-01	Floating compiler status	

Compiler is set to ^0.8.7





#### **RECOMMENDATION**

Pragma should be fixed to the version that you're indenting to deploy your contracts with.



# **DISCLAIMERS**

InterFi Network provides the easy-to-understand audit of solidity source codes (commonly known as smart contracts).

The smart contract for this particular audit was analyzed for common contract vulnerabilities, and centralization exploits. This audit report makes no statements or warranties on the security of the code. This audit report does not provide any warranty or guarantee regarding the absolute bug-free nature of the smart contract analyzed, nor do they provide any indication of the client's business, business model or legal compliance. This audit report does not extend to the compiler layer, any other areas beyond the programming language, or other programming aspects that could present security risks. Cryptographic tokens are emergent technologies, they carry high levels of technical risks and uncertainty. You agree that your access and/or use, including but not limited to any services, reports, and materials, will be at your sole risk on an as-is, where-is, and as-available basis. This audit report could include false positives, false negatives, and other unpredictable results.

#### CONFIDENTIALITY

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**ABOUT INTERFI NETWORK** 

InterFi Network provides intelligent blockchain solutions. We provide solidity development, testing, and

auditing services. We have developed 150+ solidity codes, audited 1000+ smart contracts, and

analyzed 500,000+ code lines. We have worked on major public blockchains e.g., Ethereum, Binance,

Cronos, Doge, Polygon, Avalanche, Metis, Fantom, Bitcoin Cash, Velas, Oasis, etc.

InterFi Network is built by engineers, developers, UI experts, and blockchain enthusiasts. Our team

currently consists of 4 core members, and 6+ casual contributors.

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