# Audit By ICSA

International Crypto Services Agency

## Reason Token

March 4, 2024

https://icsa.website/


# Disclaimer

ICSA audits and reports should not be considered as a form of project's "advertisement" and does not cover any interaction and assessment from "project's contract" to "external contracts" such as Pancakeswap or similar.

ICSA does not provide any warranty on its released reports. We should not be used as a decision to invest into an audited project please do your own research. ICSA provides transparent reports to all its "clients" and to its "clients participants" and will not claim any guarantee of bug-free code within its Smart Contract.

Each company or project shall be liable for its own security flaws and functionalities.
ICSA presence is to analyze, audit and assess the client's smart contract's code.


# Scope of Work

The main focus of this report/audit, is to document an accurate assessment of the condition of the smart contract and whether it has any security flaws in the implementation of the contract.

Reason team agreed and provided us with the files that needed to be tested (Through Github, BscScan, files, etc.).

ICSA will be focusing on contract issues and functionalities along with the projects claims from smart contract to their website, white paper and repository where available, which has been provided by the project.

Code is reviewed manually and with the use of software using industry best practices.

# Background

ICSA was commissioned by Reason to perform an audit of their smart contract:

## Contract Address

0xD2a5C0Be958B4F49C3063071161E71D078fE853F1

## Blockchain

Binance Smart Chain

The purpose of the audit was to achieve the following:

- Ensure that the smart contract functions as intended.
- Identify potential security issues with the smart contract.

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified.

# Audit Details

Reason is a meme token with 1% buy/sell tax for the liquidity pool, so it grows over time.

Reason Telegram

Reason Website

Reason Twitter


# Contract Details

Token Name - Reason Token

Token Description - Reflections Token

Compiler Version - v0.8.19

Current Holders - 163 Addresses

Current Transaction Count - 1916

Max Wallet - 210,000

Max Supply - 21,000,000

Token Ticker - Reason

Decimals - 9

LP Lock - LP Burnt 97.41%

KYCd by - N/A

Buy Fee - 1%

Sell Fee - 1%

Launch Type - Fair Launch

There is currently no Burn tax, no Reflection tax and no Marketing tax.
Any CEX trading Reason will have a 1% fee for wallet to wallet transfers.
ALL fees currently get added to the Liquidity Pool.


# Tokenomics

## Contract Address

0xD2a5C0Be958B4F49C306307161E71D078fE853F1

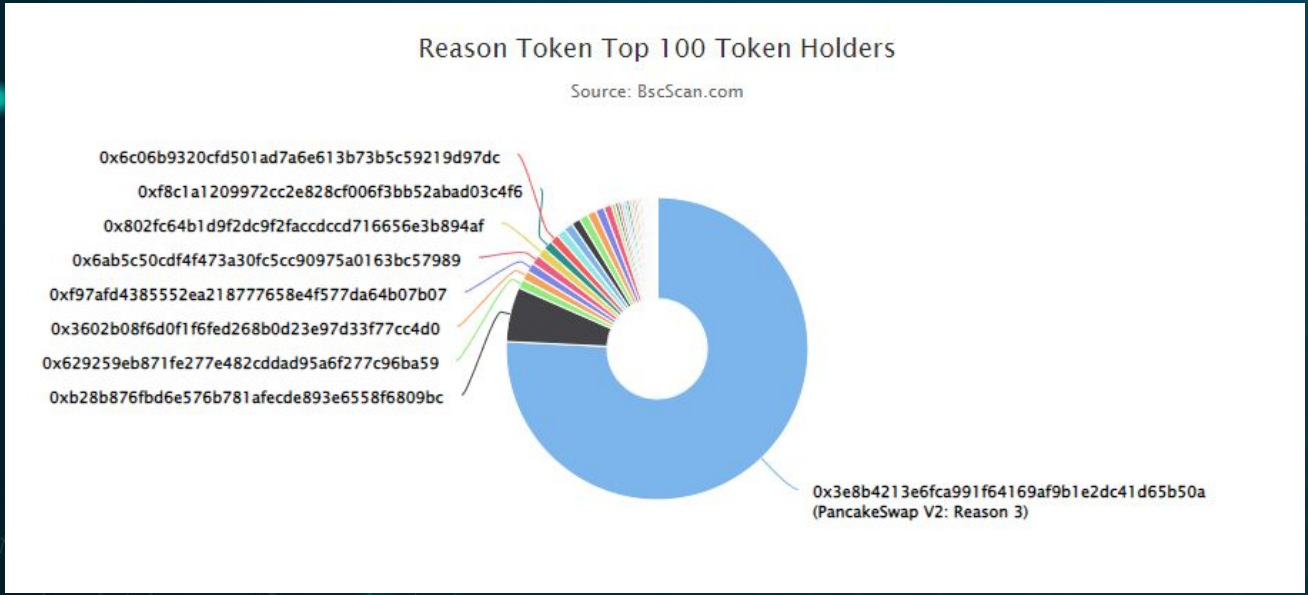
## Contract Deployer

0xB28b876fBD6e576b781afeCde893e6558F6809bc

## Contract Owner

0xB28b876fBD6e576b781afeCde893e6558F6809bc

# Top 100 Holders




A total of 21 Million tokens are held by the top 100 holders.

#1 *Pancakeswap* holds 75% (16 Million)

#2 *The Owner* holds 6% (1.2 Million)

The rest are all random wallets.

# Owner Privileges

## Notes

The owner has some privileges/authority to make SOME changes.

- Ownership HAS NOT been renounced
- Owner can alter the taxes to a maximum of 15%
- Trading cannot be paused
- Some wallets Whitelisted


# Adjustable Functions

1. Open_Trade
2. Rewards_Exclude_Wallet
3. Rewards_Include_Wallet
4. Set_Fees
5. Set_Presale_CA
6. Set_Wallet_Limits
7. Update_Links_LP_Lock
8. Update_Links_Telegram
9. Update_Links_Website
10. Update_Wallet_Liquidity
11. Update_Wallet_Marketing
12. Wallet_Exclude_From_Fees
13. Wallet_Exempt_From_Limits
14. Wallet_Pre_Launch_Access


# Adjustable Functions

15. AddLiquidityPair
16. Approve
17. BurnFromTotalSupply
18. DecreaseAllowance
19. increaseAllowance
20. NoFeeWalletTransfers
21. Ownership_RENOUNCE
22. Ownership_TRANSFER
23. RescueTrappedTokens
24. SwapAndLiquifyNow
25. SwapAndLiquifySwitch
26. SwapTriggerCount
27. Transfer
28. TransferFrom


# Vulnerabilities

Passed = No Issues detected. Code is in good working order

Low Issue = Low-level weakness/vulnerabilities are mostly related to outdated, unused etc. code snippets, that can't have significant impact on execution.

High Issue = High-level weakness/vulnerabilities

SWC-100 –> Function Default Visibility = PASSED

SWC-101 –> Integer Overflow and Underflow = PASSED

SWC=102 –> Outdated Compiler Version = PASSED

SWC-103 –> Floating Pragma = PASSED

SWC-104 –> Unlocked Call Return Value = PASSED


# Vulnerabilities

SCAN RESULTS

SWC-105 –> Unprotected Ether Withdrawal = PASSED

SWC=106 –> Unprotected SELF DESTRUCT Instruction = PASSED

SWC-107 –> Reentrancy = PASSED

SWC-108 –> State Variable Default Visibility = PASSED

SWC-109 –> Uninitialized Storage Pointer = PASSED

SWC-110 –> Assert Violation = PASSED

SWC-111 –> Use of Deprecated Solidity Functions = PASSED

SWC-112 –> Delegatecall to Untrusted Callee = PASSED


# Vulnerabilities

SCAN RESULTS

SWC-113 –> DoS with Failed Call = PASSED

SWC-114 –> Transaction Order Dependence = PASSED

SWC-115 –> Authorization Through Tx. Origin = PASSED

SWC-116 –> Block Values as a Value for Time = PASSED

SWC-117 –> Signature Malleability = PASSED

SWC-118 –> Incorrect Constructor Name = PASSED

SWC-119 –> Shadowing State Variables = PASSED

SWC-120 –> Weak Source of Randomness From Chain Attributes = PASSED


# Vulnerabilities

SCAN RESULTS

SWC-121 –> Missing Protection Against Signature Replay Attacks = PASSED

SWC-122 –> Lack of Proper Signature Verification = PASSED

SWC-123 –> Requirement Violation = PASSED

SWC-124 –> Write to Arbitrary Storage Location = PASSED

SWC-125 –> Incorrect Inheritance Order = PASSED

SWC-126 –> Insufficient Gas Griefing = PASSED

SWC-127 –> Arbitrary Jump with Function Type Variable = PASSED

SWC=128 –> DoS with Block Gas Limit = PASSED


# Vulnerabilities

SCAN RESULTS

SWC-129 –> Typographical Error = PASSED

SWC-130 –> Right-to-Left Override Control Character = PASSED

SWC-131 –> Presence of Unused Variables = PASSED

SWC-132 –> Unexpected Ether Balance = PASSED

SWC-133 –> Hash Collisions with Multiple Variable Length Arguments = PASSED

SWC-134 –> Message Call with Hardcoded Gas Amount = PASSED

SWC-135 –> Code with no effects = PASSED

SWC-136 –> Unencrypted Private Data On-Chain = PASSED

# No Issues Found

Please Note:

No issues found

# Overall Assessment

## Satisfactory!

Reason Token has successfully passed the ICSA Audit!

March 4th, 2024


# Closing Notes

Enhance the security of your crypto smart contracts with ICSA - the company you can trust with your digital assets. Contact us today to schedule an audit and benefit from our cutting-edge expertise in securing your blockchain projects. ICSA: Your gateway to safer, more secure smart contracts.

Whilst there are limitless ownable callable functions that have the potential to be dangerous,. Trust in the team would mitigate many of these risks. Please make sure you do your own research. If in doubt please contact the project team.

Always make sure to inspect all values and variables.
This includes, but is not limited to: · Ownership · Proper Ownership Renouncement (if any) · Taxes · Transaction/Wallet Limits · Token Distributions · Timelocks · Liquidity Locks · Any other owner-adjustable settings or variables.

Thank you for choosing ICSA

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