
international crypto services agency

# Audit for

HeavenImpact Token


## Audit Details

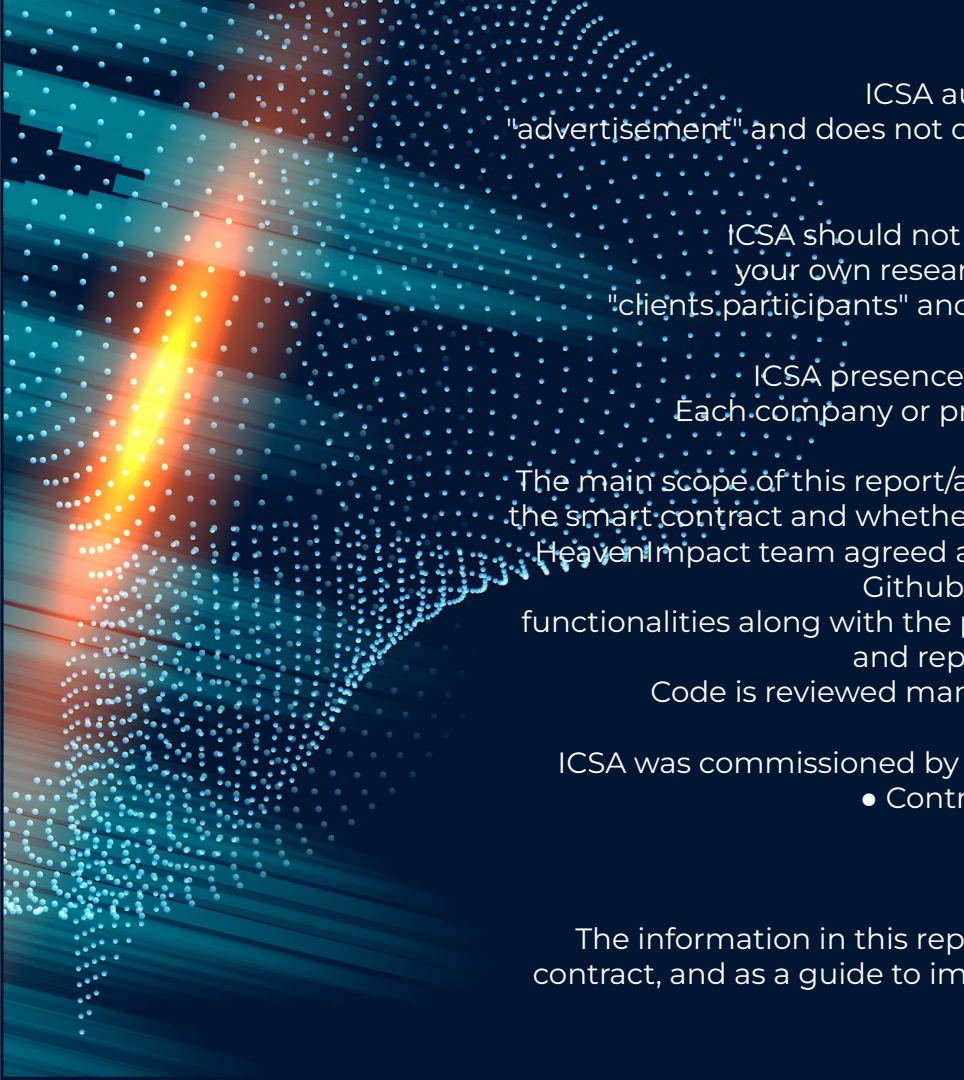
**Prepared for: HeavenImpact Token**

**Blockchain: Binance Smart Chain**

**Project website:**
**https://www.heavenimpact.com/**

**Authors: ICSA Audit team**

**Date: 30/10/2022**



## 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.

ICSA 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.

ICSA presence is to analyze, audit and assess the client's smart contract's code.

Each company or project shall be liable for its own security flaws and functionalities.

## Scope of Work & Background

The main scope 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.

HeavenImpact 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, whitepaper 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 The HeavenImpact Token to perform an audit of smart contract:

- Contract Address 0xB65cB4e12B5D776C60d92D3C95F352d858721FaF

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.

## Token Description from Dev's

**Price impact-based dynamic taxation token - rewarding high impact buy transactions and penalising high impact sell transactions.**

**Commercially focused, deflationary token with staking option where investors can lock their tokens between three days to thirty days with a Dapp for tracking staking performance.**

## Social Media Links

**Telegram: https://t.me/heavenimpact**

**Twitter: https://twitter.com/HeavenImpactBSC**

**Facebook: N/A**

**Discord: N/A**

## Contracts details

**Token contract details for 30/10/2022**

**Contract/Project name: HeavenImpact Token**

**Description: Utility/Reward Token**

**Compiler version: 0.8.13**

**Contract address: 0xB65cB4e12B5D776C60d92D3C95F352d858721FaF**

**Total supply:** 10,000,000

**Token ticker: iHeaven**

**Decimals: 9**

**Token holders at time of report: 1**

**Transactions count at time of report: 1**

**Top 100 holders dominance: 100%**

**Contract deployer address: 0xBb382294Cb617A2CeA2e8fF17B4D026329210485**

**Contract's current owner address: 0xBb382294Cb617A2CeA2e8fF17B4D026329210485**

**LP LOCK: N/A**

**Dev's KYC: Yes ICSA**

**Launch Type: ICO**

## HeavenImpact Top 100 Token Holders

Source: BscScan.com


(A total of 10,000,000.00 tokens held by the top 100 accounts from the total supply of 10,000,000.00 token)

## HeavenImpact LP token holder

N/A

## Contract write functions details

## Owner privileges:

Ownership has not been renounced, The owner has privileges, and has authority to make any changes now.

Current Fees: • Buy: 2-8% • Sell: 8-20% • Owner can not change fees above 25% (25% isPapa's recommended maximum and 50% would be a maximum for a satisfactory assessment).

**All Write Functions of Contract that can be adjusted after the contract is deployed.**

1. approve
2. approveMax
3. changeIsFeeExempt
4. changeITxLimitExempt
5. changeIsWItExempt
6. changeIsXferTaxExempt
7. changeSwapBackSettings
8. changeTxLimit
9. changeWalletLimit
10. clearStuckBNB
11. delBot
12. endPrelaunch
13. full launch
14. manualSwapBack
15. preLaunchSequence
16. renounceOwnership
17. setBots
18. setEcodydtemWallet
19. setLiquidityPool
20. setMarketingWallet
21. tranfer
22. transferFrom
23. transferOwnership
24. updateBaseFees
25. updateBuyDynamics
26. updateDynamicBuyDiscounts
27. updateDynamicSellFees
28. updateSellDynamics
29. updateXferFees

# SWC Registry: Smart Contract Weakness/Vulnerabilities

| | | |
|---|---|---|
| SWC-136 | Unencrypted Private Data On-Chain | PASSED |
| SWC-135 | Code With No Effects | PASSED |
| SWC-134 | Message call with hardcoded gas amount | PASSED |
| SWC-133 | Hash Collisions with Multiple Variable Length Arguments | PASSED |
| SWC-132 | Unexpected Ether balance | PASSED |
| SWC-131 | Presence of unused variables | PASSED |
| SWC-130 | Right-To-Left-Override control character (U+202E) | PASSED |
| SWC-129 | Typographical Error | PASSED |

| | | |
|---|---|---|
| SWC-128 | DoS With Block Gas Limit | PASSED |
| SWC-127 | Arbitrary Jump with Function Type Variable | PASSED |
| SWC-126 | Insufficient Gas Griefing | PASSED |
| SWC-125 | Incorrect Inheritance Order | PASSED |
| SWC-124 | Write to Arbitrary Storage Location | PASSED |
| SWC-123 | Requirement Violation | PASSED |
| SWC-122 | Lack of Proper Signature Verification | PASSED |
| SWC-119 | Shadowing State Variables | PASSED |

| | | |
|---|---|---|
| SWC-118 | Incorrect Constructor Name | PASSED |
| SWC-120 | Weak Sources of Randomness from Chain Attributes | LOW ISSUE |
| SWC-117 | Signature Malleability | PASSED |
| SWC-116 | Block values as a proxy for time | PASSED |
| SWC-115 | Authorization through tx.origin | PASSED |
| SWC-114 | Transaction Order Dependence | PASSED |
| SWC-121 | Missing Protection against Signature Replay Attacks | PASSED |
| SWC-113 | DoS with Failed Call | PASSED |

| | | |
|---|---|---|
| SWC-112 | Delegatecall to Untrusted Callee | PASSED |
| SWC-111 | Use of Deprecated Solidity Functions | PASSED |
| SWC-110 | Assert Violation | PASSED |
| SWC-109 | Uninitialized Storage Pointer | PASSED |
| SWC-108 | State Variable Default Visibility | LOW ISSUE |
| SWC-107 | Reentrancy | PASSED |
| SWC-106 | Unprotected SELFDESTRUCT Instruction | PASSED |
| SWC-105 | Unprotected Ether Withdrawal | PASSED |

| | | |
|---|---|---|
| SWC-104 | Unchecked Call Return Value | PASSED |
| SWC-103 | Floating Pragma | LOW ISSUE |
| SWC-102 | Outdated Compiler Version | PASSED |
| SWC-101 | Integer Overflow and Underflow | PASSED |

## Issue Checking

Manual code review is satisfactory.

# CLOSING NOTES

Whilst there are limitless ownable callable functions that have the potential to be dangerous, they are not overtly so. 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 always 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.

# OVERALL ASSESSMENT

## SATISFACTORY