international crypto services agency

Audit for

Heaven Impact Token

CWB

Audit Details

Prepared for: Heaven Impact Token

Blockchain: Binance Smart Chain

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

Authors: ICSA Audit team

Date: 02/11/2022

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.

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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.

Heaven Impact 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 Heaven Impact Token to perform an audit of smart contract:

- Contract Address 0x7478D347B55633f7beCe765eb1762108131F5cf8

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 02/11/2022

Contract/Project name: Heaven Impact Token

Description: Utility/Reward Token

Compiler version: 0.8.13

Contract address: 0x7478D347B55633f7beCe765eb1762108131F5cf8

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

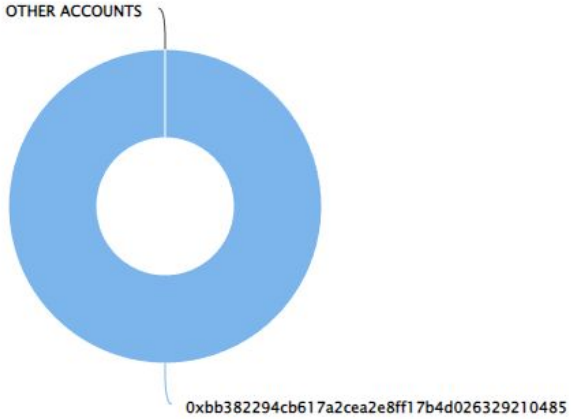
LP LOCK: N/A

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