



HalfEmptyBottle

Smart Contract Review

Deliverable: Smart Contract Audit Report
Security Report Aug 2022

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Overview

Background

HalfEmptyBottle requested that HireCA perform an Extensive Smart Contract audit of their Smart Contract.

Project Dates

The following is the project schedule for this review and report:

Aug 31 : Smart Contract Review Completed (*Completed*)

Aug 31 : Delivery of Smart Contract Audit Report (*Completed*)

Review Team

The following HireCA team member participated in this review:

- Abhishek Mishra, Security Researcher and Engineer

Coverage

Target Specification and Revision

For this audit, we performed research, investigation, and review of the smart contract of HalfEmptyBottle.

The following documentation repositories were considered in-scope for the review:











HalfEmptyBottle Project:

EXPLORER LINK

<https://bscscan.com/token/0xF9401ac58A7E19Ae12BA6B6ae8b71Bb00f295171>

Token Name	HalfEmptyBottle
Symbol	HEB
Chain	 BSC Mainnet
Contract Address	0xF9401ac58A7E19Ae12BA6B6ae8b71Bb00f295171
Supply	500000000000
Decimal	18
Burn	0.00%
Owner address	0x99b0c3f7dd55367d0de9013dbeeff6dad7e8af43
Creator address	0x99b0c3f7dd55367d0de9013dbeeff6dad7e8af43
Is open source?	 Is open source

Risk analysis

Buy tax	0.00%
Sell tax	0.00%
Is honeypot?	 Security
Can edit tax?	 Security
Is anti whale?	 Security
Can take back ownership?	 Security
Is blacklisted?	 Security
Is whitelisted?	 Security
Is mintable?	 Security
Is proxy contract?	 Security
Can transfer pausable?	 Security
Is Trading with CooldownTime?	 Security 4

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We believe that people have a fundamental need to security and that the use of secure solutions enables every person to more freely use the Internet and every other connected technology. We aim to provide security consulting service to help others make their solutions more resistant to unauthorized access to data & inadvertent manipulation of the system. We support teams from the design phase through the production to launch and surely after.

The HireCA team has skills for reviewing code in C, C++, Python, Haskell, Rust, Node.js, Solidity, Go, and JavaScript for common security vulnerabilities & specific attack vectors. The team has reviewed implementations of cryptographic protocols and distributed system architecture, including in crypto currency , block chains, payments, and smart contracts. Additionally, the team can utilize various tools to scan code & networks and build custom tools as necessary.

Although we are a small team, we surely believe that we can have a momentous impact on the world by being translucent and open about the work we do.

For more information about our security consulting, please mail us at hi@hireca.com