



AUDIT REPORT

SecureWise

ROTTOLABS (ROTT)



Quick Result

Quick Result	Status
Owner can mint new token?	Not Detected
Owner can update tax over 25% ?	Pass
Owner can pause trade ?	Not Detected
Owner can enable trading ?	Not Detected
Owner can add Blacklist ?	Not Detected
Owner can set Max Tx ?	Not Detected
Owner can set Max Wallet Amount ?	Not Detected
KYC ?	Done

RottoLabs (ROTT0) as **PASSED** the smart contract audit.

Findings

Risk Classification	Description
High	Exploits, vulnerabilities or errors that will certainly or probabilistically lead towards loss of funds, control, of the contract and its functions. Must be fixed as soon as possible.
Medium	Bugs or issues with that may be subject to exploit, though their impact is somewhat limited. Must be fixed as soon as possible.
Low	Effects are minimal in isolation and do not pose a significant danger to the project or its users. Issues under this classification are recommended to be fixed nonetheless.
Informational	A vulnerability that have informational character but is not effecting any of the code

Severity	Found	Pending	Resolved
High	0	0	0
Medium	0	0	0
Low	4	0	0
Informational	1	0	0
Total	5	0	0

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Overview

Token Name: Rottolabs (ROTT)

Language: Solidity

Contract Address: 0xEF869B840aB248C2C90f9d8a7C7a6c9298cAB888

Network: Binance Smart Chain

KYC: Done

Website: <https://rottoken.com/>

Twitter: <https://twitter.com/rottlabs>

Telegram: <https://t.me/rottetoken>

Report Date: June 12, 2023

Auditing Approach and Methodologies

SecureWise has performed starting with analyzing the code, issues, code quality, and libraries. Reviewed line-by-line by our team. Finding any potential issue like race conditions, transaction-ordering dependence, timestamp dependence, and denial of service attacks.

Methodology

- Understanding the size, scope and functionality of your project's source code
- Manual review of code, which is the process of reading source code line-by-line in an attempt to identify potential vulnerabilities.
- Testing and automated analysis of the Smart Contract to determine proper logic has been followed throughout the whole process
- Deploying the code on testnet using multiple live test
- Analyzing a program to determine the specific input that causes different parts of a program to execute its functions.
- Checking whether all the libraries used in the code are on the latest version.

Goals

Smart Contract System is secure, resilient and working according to the specifications and without any vulnerabilities.

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Findings Summary

SecureWise has applied the automated and manual analysis of Smart Contract and were reviewed for common contract vulnerabilities and centralized exploits

Centralization Findings

	The owner can set fees within a limit of 7%.
	Owner can change buyback amount within reasonable limits
	The owner can modify swap settings.
	The owner can withdraw any token from the contract.
	The owner can exclude specific accounts from paying fees.

RottoLabs (ROTTTO) as **PASSED** the smart contract audit.

Function Privileges

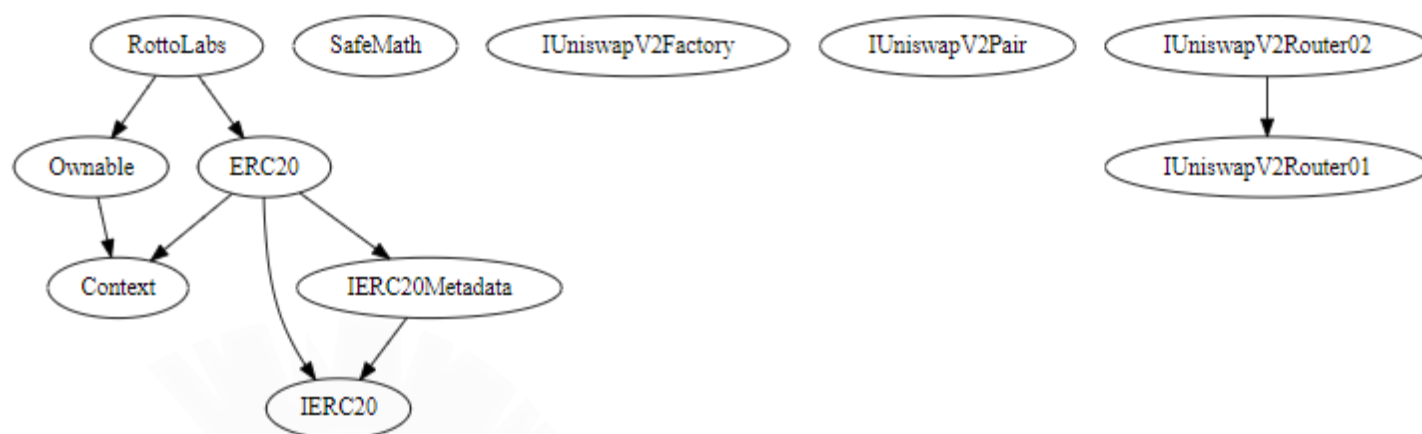
```

||||| |
| **RottoLabs** | Implementation | ERC20, Ownable |||
| L | <Constructor> | Public ! | ● | ERC20 |
| L | <Receive Ether> | External ! | 🟢 | NO ! |
| L | claimStuckTokens | External ! | ● | onlyOwner |
| L | isContract | Internal 🔒 | | |
| L | sendBNB | Internal 🔒 | ● | |
| L | excludeFromFees | External ! | ● | onlyOwner |
| L | isExcludedFromFees | Public ! | | NO ! |
| L | updateBuyFees | External ! | ● | onlyOwner |
| L | updateSellFees | External ! | ● | onlyOwner |
| L | updateBuyBackThreshold | External ! | ● | onlyOwner |
| L | enableWalletToWalletTransferWithoutFee | External ! | ● | onlyOwner |
| L | changeMarketingWallet | External ! | ● | onlyOwner |
| L | _transfer | Internal 🔒 | ● | |
| L | swapAndLiquify | Private 🔒 | ● | |
| L | setSwapTokensAtAmount | External ! | ● | onlyOwner |
| L | buyBackTokens | Private 🔒 | ● | |

```



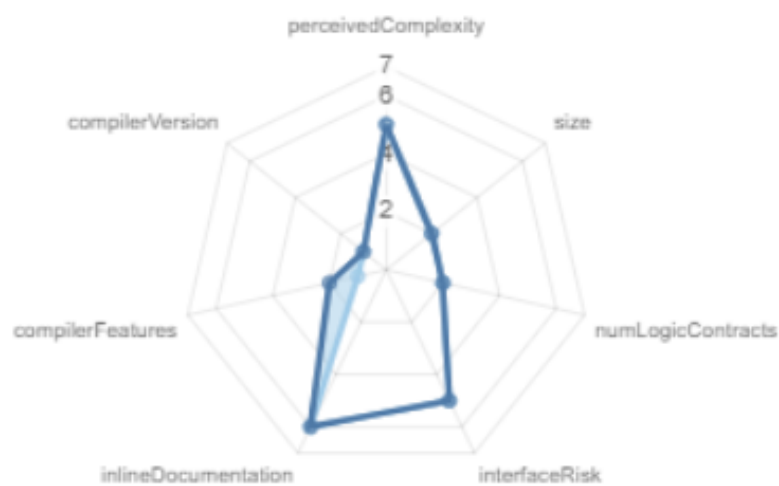
Inheritance Graph



Source Lines



Risk



Disclaimer

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