

AUDIT REPORT

SecureWise

BABY STEWIE TOKEN (BST)











Quick Result

Quick Result	Status	
Owner can mint new token?	Not Detected	
Owner can update tax over 25% ?	Not Detected	
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?	Not Done	

Page 10 for more details



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 fxed as soon as possible.	
Low	Effects are minimal in isolation and do not pose a signifcant danger to the project or its users. Issues under this classifcation 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	0	0	0
Informational	0	1	o
Total	0	1	0



Contents



- 02 Findings
- 04 Overview
- 05 Auditing Approach and Methodologies
- 06 Findings Summary
- 07 Function Privileges
- 08 Inheritance Graph
- 10 Manual Review
- 11 Disclaimer



Overview

Token Name: Baby Stewie Token (BST)

Language: Solidity

Contract Address: 0xD3555767341B3B377a4051B29bE0a4eblacF42F6

Network: Binance Smart Chain

KYC: Not done

Website: www.babystewie.baby

Twitter: https://twitter.com/babystewietoken

Telegram: https://t.me/+BQjfWqZD20ZjODlk

Report Date: June 23, 2023

Testnet:

https://testnet.bscscan.com/address/0x68106102B35A8c382F27B0585F547f1bC320c752



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.

Risk Classification

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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

No Owner privileges

Logical Findings



Outdated Compiler Version

Page 10 for more details

Baby Stewie Token (BST) as PASSED the smart contract audit.

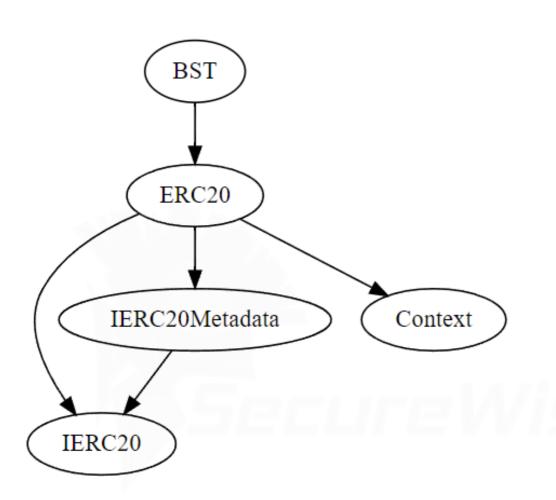


Function Privileges

```
**ERC20** | Implementation | Context, IERC20, IERC20Metadata |||
 NO!
 name | Public | NO ! |
L | symbol | Public |
                      NO !
 | decimals | Public ! |
                      NO !
L | totalSupply | Public | |
 | balanceOf | Public | | NO ! |
 | transfer | Public ! | 🛑
                        NO !
 allowance | Public | |
L | approve | Public ! |
                       NO !
L | transferFrom | Public ! |
| decreaseAllowance | Public |
 |_transfer | Internal 🔒 | 🛑 | |
 | _mint | Internal 🔒 | 🛑
L | _burn | Internal 🔒 | 🛑
L | _approve | Internal 🔒 | 🛑
 | _beforeTokenTransfer | Internal 🔒 | 🛑 | |
L | _afterTokenTransfer | Internal 🔒 | 🛑 | |
**BST** | Implementation | ERC20 |||
Constructor> | Public | | | ERC20 |
```



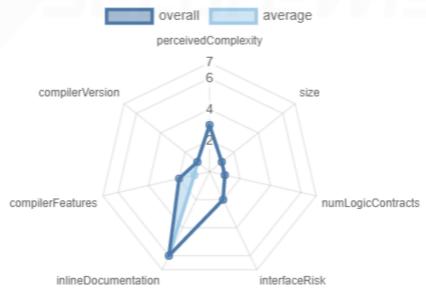
Inheritance Graph





Source Lines







Manual Review

Informational

Outdated Compiler Version

pragma solidity 0.8.17;

Description

Using an outdated compiler version can be problematic especially if there are publicly disclosed bugs and issues that affect the current compiler version.

Recommendation

It is recommended to use a recent version of the Solidity compiler.



Disclaimer

SecureWise provides the smart contract audit of solidity. Audit and report are for informational purposes only and not, nor should be considered, as an endorsement to engage with, invest in, participate, provide an incentive, or disapprove, criticise, discourage, or purport to provide an opinion on any particular project or team.

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