



TechRate
AUDIT COMPANY

Smart Contract Security Audit

TechRate

November, 2021

Audit Details



Audited project

FLY SHIBA



Deployer address

0xe98bc67b6439ac253faa668be1e8c5d3af0fe2a2



Client contacts:

FLY SHIBA team



Blockchain

Binance Smart Chain



Project website:

<https://flyshiba.com>

Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the below disclaimer below – please make sure to read it in full.

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The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.

Background

TechRate was commissioned by FLY SHIBA to perform an audit of smart contracts:

<https://bscscan.com/address/0x59b377105051693f9b00bc10222c34eed1fb277d#code>

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.

Contracts Details

Token contract details for 05.11.2021

Contract name	FLY SHIBA
Contract address	0x59b377105051693F9b00Bc10222C34eed1Fb277d
Total supply	1,000,000,000
Token ticker	SHIBF
Decimals	18
Token holders	3
Transactions count	4
Top 100 holders dominance	100.00%
Contract deployer address	0xe98bc67b6439ac253faa668be1e8c5d3af0fe2a2
Contract's current owner address	0xfa05c9b654e33ed56d326e2209f1b2a7955674be

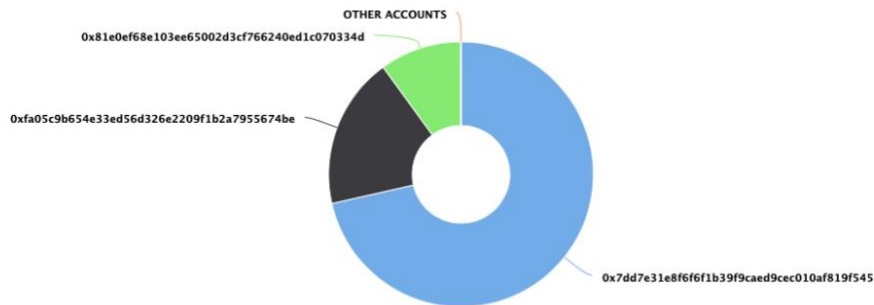
FLY SHIBA Token Distribution

The top 100 holders collectively own 100.00% (1,000,000,000.00 Tokens) of FLY SHIBA

Token Total Supply: 1,000,000,000.00 Token | Total Token Holders: 3

FLY SHIBA Top 100 Token Holders

Source: BscScan.com



(A total of 1,000,000,000.00 tokens held by the top 100 accounts from the total supply of 1,000,000,000.00 token)

FLY SHIBA Contract Interaction Details



Time Series: Token Contract Overview

Sun 17, Oct 2021 - Wed 3, Nov 2021

Token Contract 0x59b377105051693f9b00bc10222c34eed1fb277d (FLY SHIBA)
Source: BscScan.com



FLY SHIBA Top 10 Token Holders

Rank	Address	Quantity (Token)	Percentage
1	 0x7dd7e31e8f6f6f1b39f9caed9cec010af819f545	714,760,000	71.4760%
2	0xfa05c9b654e33ed56d326e2209f1b2a7955674be	185,240,000	18.5240%
3	 0x81e0ef68e103ee65002d3cf766240ed1c070334d	100,000,000	10.0000%



Contract functions details

- + [Int] IERC20
 - [Ext] totalSupply
 - [Ext] balanceOf
 - [Ext] transfer #
 - [Ext] allowance
 - [Ext] approve #
 - [Ext] transferFrom #
- + [Int] IERC20Metadata (IERC20)
 - [Ext] name
 - [Ext] symbol
 - [Ext] decimals
- + Context
 - [Int] _msgSender
 - [Int] _msgData
- + [Lib] SafeMath
 - [Int] add
 - [Int] sub
 - [Int] sub
 - [Int] mul
 - [Int] div
 - [Int] div
 - [Int] mod
 - [Int] mod
- + Ownable (Context)
 - [Pub] <Constructor> #
 - [Pub] owner
 - [Pub] renounceOwnership #
 - modifiers: onlyOwner
 - [Pub] transferOwnership #
 - modifiers: onlyOwner
 - [Pub] geUnlockTime
 - [Pub] lock #
 - modifiers: onlyOwner
 - [Pub] unlock #
- + standardToken (Context, IERC20, IERC20Metadata, Ownable)
 - [Pub] <Constructor> #
 - [Pub] name
 - [Pub] symbol
 - [Pub] decimals
 - [Pub] totalSupply
 - [Pub] balanceOf
 - [Pub] transfer #
 - [Pub] allowance
 - [Pub] approve #
 - [Pub] transferFrom #
 - [Pub] increaseAllowance #

- [Pub] decreaseAllowance #
- [Int] _transfer #
- [Int] _mint #
- [Int] _burn #
- [Int] _approve #
- [Int] _beforeTokenTransfer #

(\$) = payable function

= non-constant function

Issues Checking Status

Issue description	Checking status
1. Compiler errors.	Passed
2. Race conditions and Reentrancy. Cross-function race conditions.	Passed
3. Possible delays in data delivery.	Passed
4. Oracle calls.	Passed
5. Front running.	Passed
6. Timestamp dependence.	Passed
7. Integer Overflow and Underflow.	Passed
8. DoS with Revert.	Passed
9. DoS with block gas limit.	Passed
10. Methods execution permissions.	Passed
11. Economy model of the contract.	Passed
12. The impact of the exchange rate on the logic.	Passed
13. Private user data leaks.	Passed
14. Malicious Event log.	Passed
15. Scoping and Declarations.	Passed
16. Uninitialized storage pointers.	Passed
17. Arithmetic accuracy.	Passed
18. Design Logic.	Passed
19. Cross-function race conditions.	Passed
20. Safe Open Zeppelin contracts implementation and usage.	Passed
21. Fallback function security.	Passed

Security Issues

✓ High Severity Issues

No high severity issues found.

✓ Medium Severity Issues

No medium severity issues found.

✓ Medium Severity Issues

No medium severity issues found.

Owner privileges (In the period when the owner is not renounced)

- Owner can lock and unlock. By the way, using these functions the owner could retake privileges even after the ownership was renounced.

Conclusion

Smart contracts do not contain high severity issues

TechRate note:

Please check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by Owner.



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