

TechRate
October, 2022



SMART CONTRACTS SECURITY AUDIT REPORT



Techrate_audits



Techrate



Techrate1

Audit Details



Audited project

FAME REWARD PLUS



Deployer address

0x402234c474726a1152d91920b3135016300af7c3



Client contacts:

https://twitter.com/FameInfinity_



Blockchain

Binance Smart Chain



Project website:

<https://famerewardplus.ai>

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 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 FAME REWARD PLUS to perform an audit of smart contracts:

<https://bscscan.com/address/0x8eCA5C1B51A801A822912167153041ed0B92a397#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 10.10.2022

Contract name FAME REWARD PLUS

Contract address 0x8eCA5C1B51A801A822912167153041ed0B92a397

Total supply 1,000,000

Token ticker FRP

Decimals 18

Token holders 256

Transactions count 3,189

Top 100 holders dominance 98.99%

Contract deployer address 0x402234c474726a1152d91920b3135016300af7c3

Owner address 0x402234c474726a1152d91920b3135016300af7c3

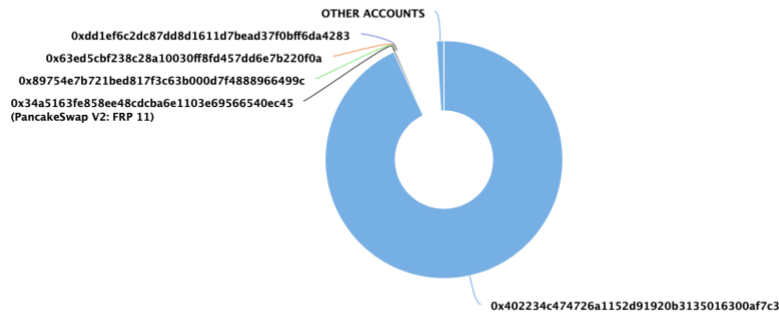
FAME REWARD PLUS Token Distribution

The top 100 holders collectively own 98.99% (989,934.16 Tokens) of FAME REWARD PLUS

Token Total Supply: 1,000,000.00 Token | Total Token Holders: 256

FAME REWARD PLUS Top 100 Token Holders

Source: BscScan.com



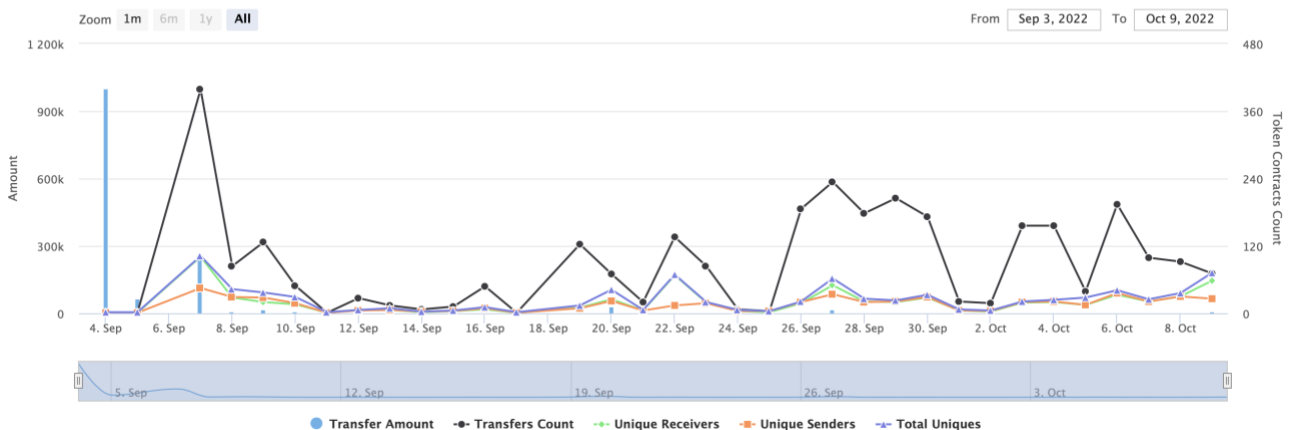
(A total of 989,934.16 tokens held by the top 100 accounts from the total supply of 1,000,000.00 token)

FAME REWARD PLUS Contract Interaction Details



Time Series: Token Contract Overview

Sun 4, Sept 2022 - Sun 9, Oct 2022

Token Contract 0x8eCAsC1B51A801A822912167153041ed0B92a397 (FAME REWARD PLUS)
Source: BscScan.com



FAME REWARD PLUS Top 10 Token Holders

Rank	Address	Quantity (Token)	Percentage
1	0x402234c474726a1152d91920b3135016300af7c3	930,458	93.0458%
2	 PancakeSwap V2: FRP 11	2,430.168419710884019446	0.2430%
3	 0x89754e7b721bed817f3c63b000d7f4888966499c	1,222.98	0.1223%
4	0x63ed5cbf238c28a10030ff8fd457dd6e7b220f0a	850	0.0850%
5	0xdd1ef6c2dc87dd8d1611d7bead37f0bffa4283	830	0.0830%
6	0xd1eaa0afd3fa9a4149f81924f4f61fc1ba1f013e	822.726571889900809428	0.0823%
7	0x087f007d8417b4bd52907970833310ef1ac9724	820	0.0820%
8	0x1775eab3668bf17931d9ea6b01a4378c28940bcf	810	0.0810%
9	0x4cc26bd9f33e05154464654480fe2d5639484274	800	0.0800%
10	0x4de73c794577084836df25b885d73bc346286235	795	0.0795%

Contract functions details

+ [Int] IERC20

- [Ext] totalSupply
- [Ext] balanceOf
- [Ext] transfer #
- [Ext] allowance
- [Ext] approve #
- [Ext] transferFrom #

+ Context

- [Int] _msgSender
- [Int] _msgData

+ Ownable (Context)

- [Pub] <Constructor> #
- [Pub] owner
- [Pub] renounceOwnership #
 - modifiers: onlyOwner
- [Pub] transferOwnership #
 - modifiers: onlyOwner
- [Prv] _setOwner #

+ [Lib] SafeMath

- [Int] tryAdd
- [Int] trySub
- [Int] tryMul
- [Int] tryDiv
- [Int] tryMod
- [Int] add
- [Int] sub
- [Int] mul
- [Int] div
- [Int] mod
- [Int] sub
- [Int] div
- [Int] mod

+ BaseToken

+ StandardToken (IERC20, Ownable, BaseToken)

- [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] _setupDecimals #
- [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.

✓ Low Severity Issues


No low severity issues found.

Testnet deployment

Contracts Description Table

Contract	Type	Bases		
L	Function Name	Visibility	Mutability	Modifiers
Kitty	Implementation			
L	transfer	Public !		NO !
L	transferFrom	Public !		NO !
L	approve	Public !		NO !

Legend

Symbol	Meaning
	Function can modify state

Conclusion

Smart contracts do not contain high severity issues! Liquidity pair contract's security is not checked due to out of scope. The further transfers and operations with the funds raise are not related to this particular contract.

Liquidity locking details are NOT provided by the team.

Security score: 95.

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.