



TechRate
AUDIT COMPANY

Smart Contract Security Audit

Audit Details



Audited project

Infinity Rocket Token



Deployer address

0x805920b5F79377D521e685477c632A6a17a9f6B9



Client contacts:

Infinity Rocket Token team



Blockchain

Binance Smart Chain



Project website:

<https://irocket.pro/>

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 Infinity Rocket Token to perform an audit of smart contracts:

<https://bscscan.com/address/0xcbe5bca571628894a38836b0bae833ff012f71d8#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 09.12.2021

Contract name	Infinity Rocket Token
Contract address	0xCBE5BcA571628894A38836b0baE833ff012f71D8
Total supply	200,000,000
Token ticker	IRT
Decimals	18
Token holders	1,066
Transactions count	35,369
Top 100 holders dominance	96.14%
Contract deployer address	0x805920b5F79377D521e685477c632A6a17a9f6B9
Contract's current owner address	0x805920b5F79377D521e685477c632A6a17a9f6B9

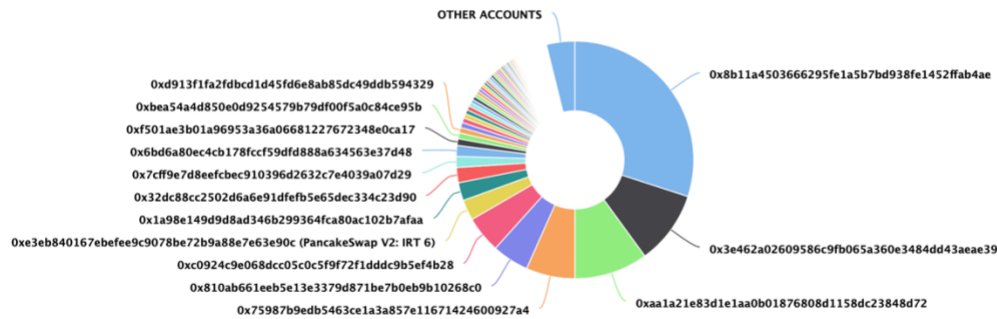
Infinity Rocket Token Token Distribution

The top 100 holders collectively own 96.14% (192,289,683.53 Tokens) of Infinity Rocket Token

Token Total Supply: 200,000,000.00 Token | Total Token Holders: 1,066

Infinity Rocket Token Top 100 Token Holders

Source: BscScan.com



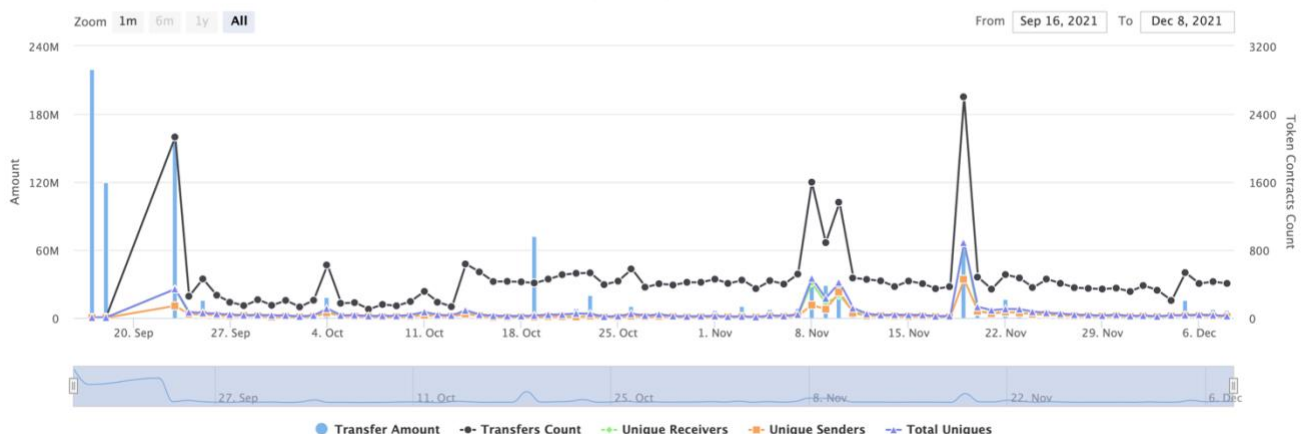
(A total of 192,289,683.53 tokens held by the top 100 accounts from the total supply of 200,000,000.00 token)

Infinity Rocket Token Contract Interaction Details


Time Series: Token Contract Overview

Fri 17, Sept 2021 - Wed 8, Dec 2021

Token Contract 0xcbe5bca571628894a38836b0bae833f012f71d8 (Infinity Rocket Token)
Source: BscScan.com



Infinity Rocket Token Top 10 Token Holders

Rank	Address	Quantity	Percentage
1	0x8b11a4503666295fe1a5b7bd938fe1452ffab4ae	60,000,000	30.0000%
2	0x3e462a02609586c9fb065a360e3484dd43aeae39	20,000,000	10.0000%
3	0xaa1a21e83d1e1aa0b01876808d1158dc23848d72	19,999,900	10.0000%
4	0x75987b9edb5463ce1a3a857e11671424600927a4	13,327,865.405566975174210056	6.6639%
5	0x810ab661eeb5e13e3379d871be7b0eb9b10268c0	10,000,050.577449217370039585	5.0000%
6	0xc0924c9e068dcc05c0c5f972f1dddc9b5ef4b28	10,000,000	5.0000%
7	 PancakeSwap V2: IRT 6	5,599,126.719479459804607509	2.7996%
8	0x1a98e149d9d8ad346b299364fca80ac102b7afaa	4,900,000.000459524288716354	2.4500%
9	0x32dc88cc2502d6a6e91dfefb5e65dec334c23d90	4,153,670	2.0768%
10	0x7cff9e7d8eefcbec910396d2632c7e4039a07d29	3,003,007.597968140976149298	1.5015%



Contract functions details

+ Context

- [Int] _msgSender
- [Int] _msgData

+ Ownable (Context)

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

+ [Int] IBEP20

- [Ext] name
- [Ext] symbol
- [Ext] decimals
- [Ext] totalSupply
- [Ext] balanceOf
- [Ext] getOwner
- [Ext] transfer #
- [Ext] transferFrom #
- [Ext] approve #
- [Ext] allowance

+ BEP20 (Ownable, IBEP20)

- [Pub] <Constructor> #
- [Pub] name
- [Pub] symbol
- [Pub] decimals
- [Pub] totalSupply
- [Pub] balanceOf
- [Pub] getOwner
- [Pub] transfer #
- [Pub] transferFrom #
- [Pub] approve #
- [Pub] allowance
- [Pub] increaseAllowance #
- [Pub] decreaseAllowance #
- [Int] _transfer #
- [Int] _mint #
- [Int] _burn #
- [Int] _approve #
- [Int] _setupDecimals #
- [Int] _beforeTokenTransfer #

+ BEP20Burnable (BEP20)

- [Pub] burn #
- [Pub] burnFrom #

+ [Int] IPayable

- [Ext] pay (\$)

- + **ServicePayer**
 - **[Pub]** <Constructor> (\$)
- + **BurnableBEP20** (BEP20Burnable, ServicePayer)
 - **[Pub]** <Constructor> (\$)
 - modifiers: BEP20,ServicePayer

(\$) = 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.

Conclusion

Smart contracts do not contain high severity issues! Liquidity pair contract's security is not checked due to out of scope.

Liquidity locking details NOT provided by the team.

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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