



Smart Contract Security Audit

Audit details:

Audited project:	Kawakami Inu
Deployer address:	0xf29Cb4c25db25653CDC2b6F568878fb4dde2e80e
Client contacts:	Kawakami Inu team
Blockchain:	Ethereum
Project website:	Kawatoken.com

May, 2021
TechRate

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 Kawakami Inu to perform an audit of smart contracts:

- <https://etherscan.io/address/0x17a4ae8b1ea75d51ab0f2875b80452f7e34c272a#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 24.05.2021.

Contract name:	Kawakami Inu
Contract address:	0x17a4Ae8B1ea75d51AB0F2875B80452F7e34c272a
Total supply:	999999999999
Token ticker:	KAWA
Decimals:	18
Token holders:	1,399
Transactions count:	5,089
Top 100 holders dominance:	76.40%
Contract deployer address:	0xf29Cb4c25db25653CDC2b6F568878fb4dde2e80e

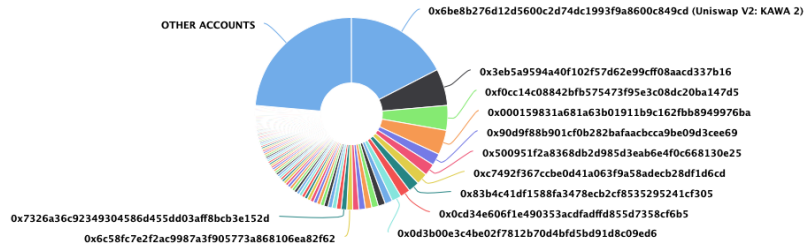
Kawakami Inu token distribution

The top 100 holders collectively own 76.40% (763,951,503,361.59 Tokens) of Kawakami Inu

Token Total Supply: 999,999,999.999.000 Token | Total Token Holders: 1,399

Kawakami Inu Top 100 Token Holders

Source: Etherscan.io



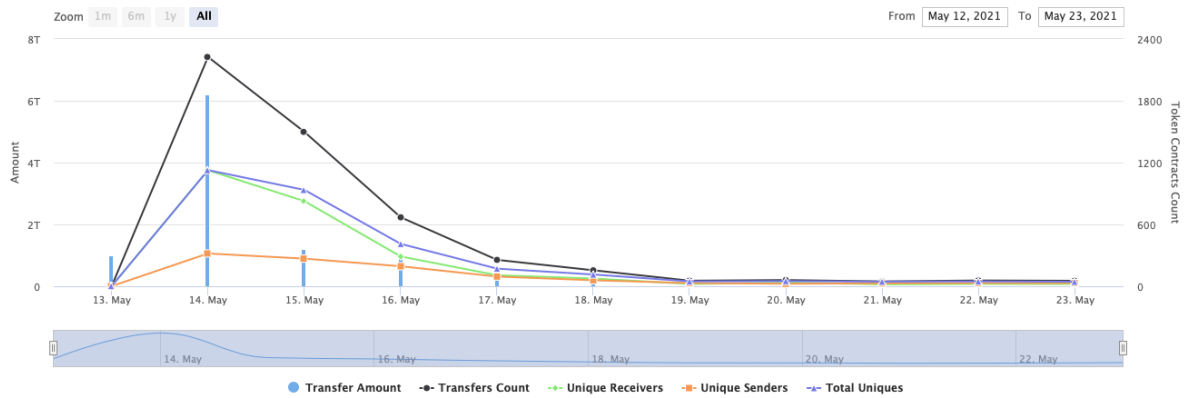
(A total of 763,951,503,361.59 tokens held by the top 100 accounts from the total supply of 999,999,999.999.000 token)

Kawakami Inu contract interaction details

Time Series: Token Contract Overview

Thu 13, May 2021 - Sun 23, May 2021

Token Contract 0x17a4ae8b1ea75d51ab0f2875b80452f7e34c272a (Kawakami Inu)
Source: Etherscan.io



Kawakami Inu top 10 token holders

Rank	Address	Quantity (Token)	Percentage
1	Uniswap V2: KAWA 2	174,359,116,294.527553005912736428	17.4359%
2	0x3eb5a9594a40f102f57d62e99cf08aacd337b16	61,811,838,676.409879642456648844	6.1812%
3	0xf0cc14c08842bfb575473f95e3c08dc20ba147d5	41,729,134,620.831252560790723815	4.1729%
4	0x000159831a681a63b01911b9c162fbb8949976ba	41,254,790,512.511076459493160815	4.1255%
5	0x90d9f88b901cf0b282bafaaccca9be09d3cee69	20,000,000,000	2.0000%
6	0x500951f2a8368db2d985d3eab6e40c668130e25	20,000,000,000	2.0000%
7	0xc7492f367cbe0d41a063f9a58adecb28df1d6cd	19,327,781,301.721279358054829278	1.9328%
8	0x83b4c41df1588fa3478ebc2cf8535295241cf305	18,513,761,140.171200273860424587	1.8514%
9	0x0cd34e606f1e490353acdffd855d7358cf6b5	17,318,638,136.45328874486057213	1.7319%
10	0xd3b00e3c4be02f7812b70d4bfd5bd91d8c09ed6	16,000,000,000	1.6000%

Contract functions details

+ [Int] IERC20

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

+ [Lib] SafeMath

- [Int] add
- [Int] sub
- [Int] mul
- [Int] div
- [Int] mod

+ ERC20 (IERC20)

- [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] _burnFrom #

+ TokenMintERC20Token (ERC20)

- [Pub] <Constructor> (\$)
- [Pub] burn #
- [Pub] name
- [Pub] symbol
- [Pub] decimals

(\$) = 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.

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.