freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

Kazoku INU

$KAZOKU

31/08/2022

TOKEN OVERVIEW

Fees

• Buy fees:	8%
• Sell fees:	8%

Fees privileges

- Can’t change the fees

Ownership

- Owned

Minting

- No mint function

Max Tx Amount / Max Wallet Amount

- Can’t change max tx amount and/or wallet limitations

Blacklist

- No blacklist function

Other privileges

- Can exclude from fees

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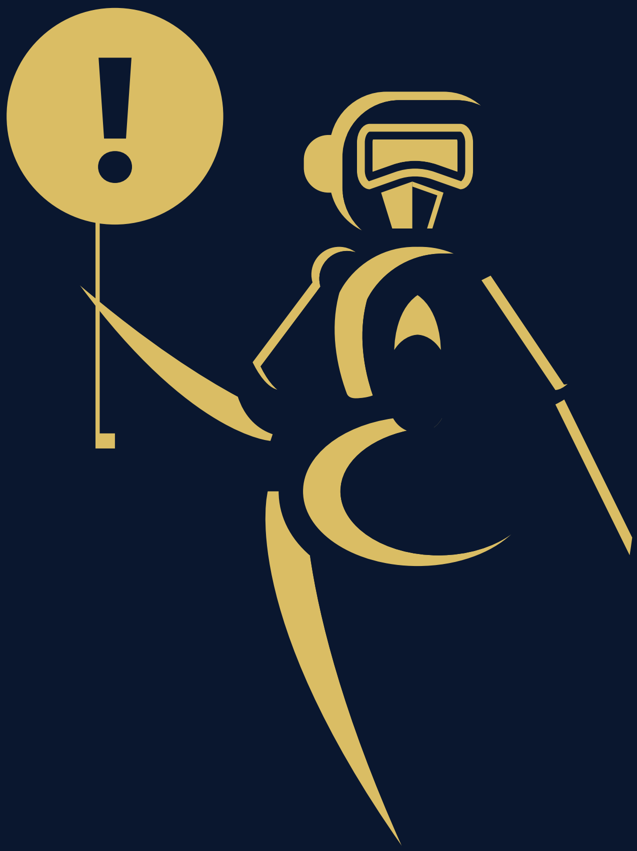
DISCLAIMER

The information provided on this analysis document is only for general information and should not be used as a reason to invest.

FreshCoins Team will take no payment for manipulating the results of this audit.

The score and the result will stay on this project page information on our website https://freshcoins.io
FreshCoins Team does not guarantees that a project will not sell off team supply, or any other scam strategy (RUG or Honeypot etc)



INTRODUCTION

FreshCoins (Consultant) was contracted by
Kazoku INU (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x594d541aB4767Ad608E457F310045740B5Cc6071

Network: Binance Smart Chain (BSC)

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on 31/08/2022

AUDIT OVERVIEW

86

Security Score

84

Static Scan

Automatic scanning for common vulnerabilities

92

ERC Scan

Automatic checks for ERC's conformance

1	High
0	Medium
2	Low
0	Optimizations
0	Informational

No.	Issue description	Checking Status
1	Compiler Errors / Warnings	Passed
2	Reentrancy and Cross-function	Passed
3	Front running	Passed
4	Timestamp dependence	Passed
5	Integer Overflow and Underflow	Passed
6	Reverted DoS	Passed
7	DoS with block gas limit	Passed
8	Methods execution permissions	Passed
9	Exchange rate impact	Passed
10	Malicious Event	Passed
11	Scoping and Declarations	Passed
12	Uninitialized storage pointers	Passed
13	Design Logic	Passed
14	Safe Zeppelin module	Passed

OWNER PRIVILEGES

🟢 Contract owner can't mint tokens after initial contract deploy

🟢 Contract owner can't exclude an address from transactions

🟡 Contract owner can exclude/include wallet from tax

```
function setIsFeeExempt(address holder, bool exempt) external authorized {
      isFeeExempt[holder] = exempt;
}
```

🟡 Contract owner can exclude/include wallet from tx limitations

```
function setIsTxLimitExempt(address holder, bool exempt) external authorized {
      isTxLimitExempt[holder] = exempt;
}
```

🔴 Contract owner can change swap settings and threshold

Transfers can be disabled if swapThreshold value is set to 0

require(swapThreshold > 0, swapThreshold should be > 0') following code should be added in setSwapBackSettings to prevent setting the swapThreshold to 0

```
function setSwapBackSettings(bool _enabled, uint256 _amount) external authorized {
      swapEnabled = _enabled;
      swapThreshold = _amount;
}
```

🟢 Contract owner can withdraw stuck tokens from smart contract

```
function transferForeignToken(address _token) public authorized {
      require(_token != address(this), "Cannot withdraw the native tokens");
      uint256 _contractBalance = IBEP20(_token).balanceOf(address(this));
      payable(marketingFeeReceiver).transfer(_contractBalance);
}
```

🟢 Contract owner can change marketingFeeReceiver address

Default value:

marketingFeeReceiver : 0xE39DEab436e623c45986B98B53fFEc2A12d5Ecac

```
function setFeeReceiver(address _marketingFeeReceiver) external authorized {
      marketingFeeReceiver = _marketingFeeReceiver;
}
```

● Contract owner can transfer ownership

```
function transferOwnership(address payable adr) public onlyOwner {
    owner = adr;
    authorizations[adr] = true;
    emit OwnershipTransferred(adr);
}
```

Recommendation:

The team should carefully manage the private keys of the owner's account. We strongly recommend a powerful security mechanism that will prevent a single user from accessing the contract admin functions. The risk can be prevented by temporarily locking the contract or renouncing ownership.

CONCLUSION AND ANALYSIS

Smart Contracts within the scope were manually reviewed and analyzed with static tools.

Audit report overview contains all found security vulnerabilities and other issues in the reviewed code.

Found 1 HIGH issue during the first review.

TOKEN DETAILS

Details

Buy fees:	8%
Sell fees:	8%
Max TX:	20,000,000
Max Sell:	N/A

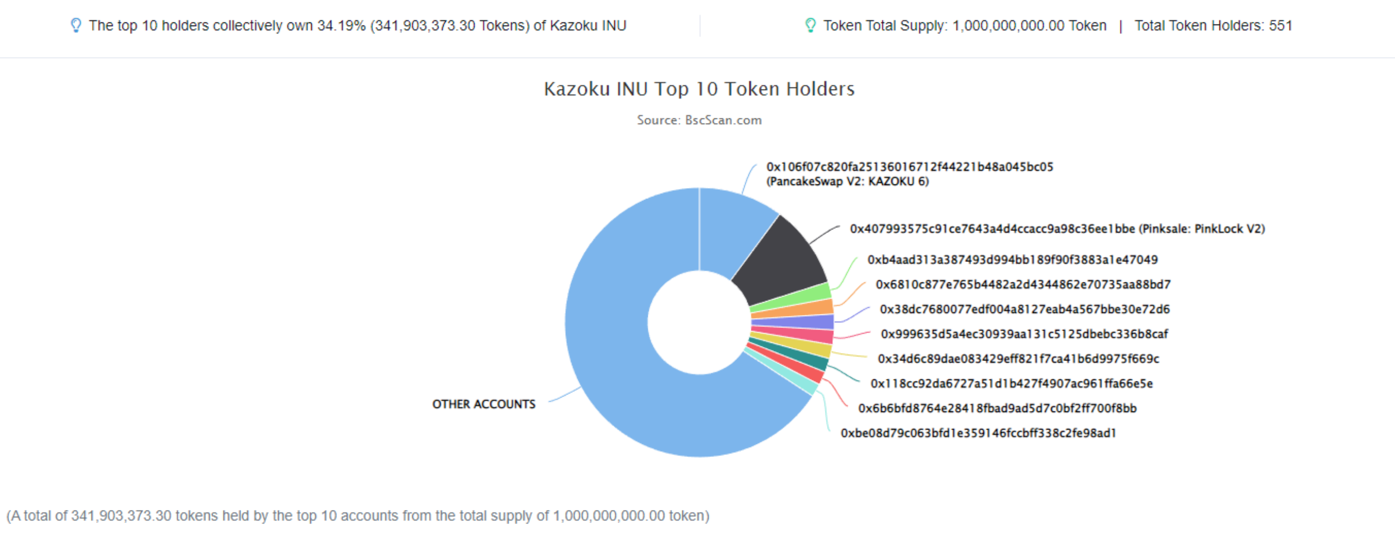
Honeypot Risk

Ownership:	Owned
Blacklist:	Not detected
Modify Max TX:	Not detected
Modify Max Sell:	Not detected
Disable Trading:	Not detected

Others

Liquidity:	N/A
Holders:	Clean

KAZOKU INU TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

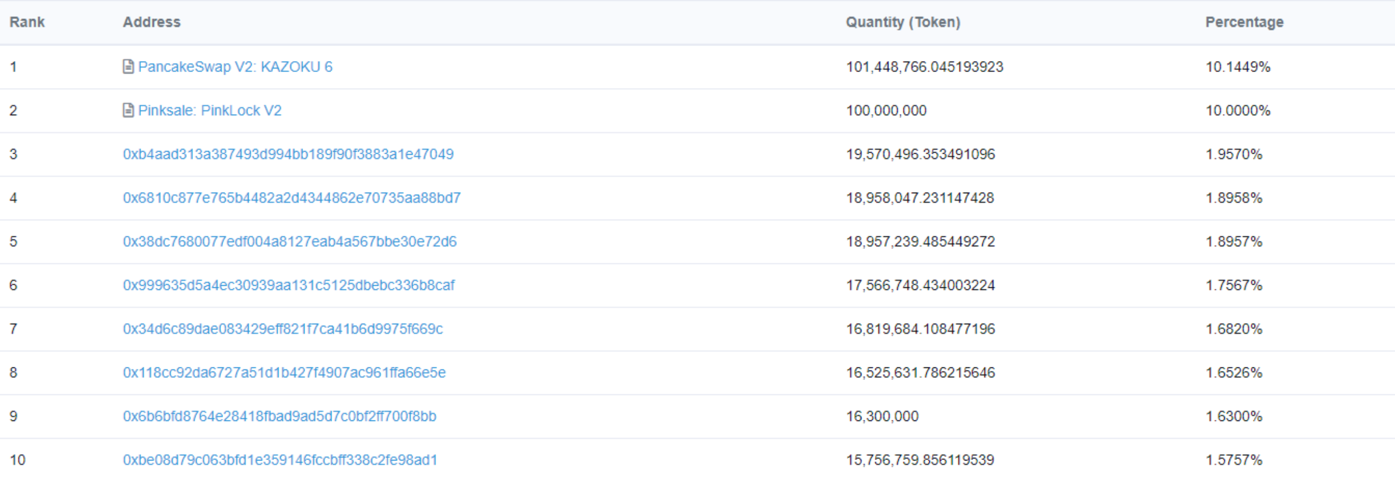


The top 10 holders collectively own 34.19% (341,903,373.30 Tokens) of Kazoku INU | Token Total Supply: 1,000,000,000.00 Token | Total Token Holders: 551

Kazoku INU Top 10 Token Holders

Source: BscScan.com

(A total of 341,903,373.30 tokens held by the top 10 accounts from the total supply of 1,000,000,000.00 token)



Rank	Address	Quantity (Token)	Percentage
1	PancakeSwap V2: KAZOKU 6	101,448,766.045193923	10.1449%
2	Pinksale: PinkLock V2	100,000,000	10.0000%
3	0xb4aad313a387493d994bb189f90f3883a1e47049	19,570,496.353491096	1.9570%
4	0x6810c877e765b4482a2d4344862e70735aa88bd7	18,958,047.231147428	1.8958%
5	0x38dc7680077edf004a8127eab4a567bbe30e72d6	18,957,239.485449272	1.8957%
6	0x999635d5a4ec30939aa131c5125dbebc336b8caf	17,566,748.434003224	1.7567%
7	0x34d6c89dae083429eff821f7ca41b6d9975f669c	16,819,684.108477196	1.6820%
8	0x118cc92da6727a51d1b427f4907ac961ffa66e5e	16,525,631.786215646	1.6526%
9	0x6b6bfd8764e28418fbad9ad5d7c0bf2ff700f8bb	16,300,000	1.6300%
10	0xbe08d79c063bfd1e359146fccbff338c2fe98ad1	15,756,759.856119539	1.5757%

TECHNICAL DISCLAIMER

Smart contracts are deployed and executed on the blockchain platform. The platform, its programming language, and other software related to the smart contract can have its vulnerabilities that can lead to hacks. The audit can’t guarantee the explicit security of the audited project / smart contract.