



freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



Irish Shiba Coin
\$ISC



22/01/2022



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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 Irish Shiba Coin (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0xd498095949F3d24f03910a918de51F6c865e6523

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 22/01/2022



AUDIT OVERVIEW



Security Score



Static Scan
Automatic scanning for common vulnerabilities



ERC Scan
Automatic checks for ERC's conformance

0 **High**

0 **Medium**

1 **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	Low
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.

Owner must be a contract with transparent rules for using `setTaxes` and `switchManualSwap`

Contract owner can change the fees

```
function setFees(uint liquidityFee_, uint operationFee_) public onlyOperator {
    liquidityFee = liquidityFee_;
    operationFee = operationFee_;
}
```

Contract owner can exclude wallet wallets from fees

```
function excludeAccountFromFees(address account, bool exclude) public onlyOperator {
    require(account != address(this), "can't include the contract");
    excludedFromFees[account] = exclude;
    emit ExcludeAccount(account, exclude);
}
```

Contract owner can set/change buy, sell, transfer tax

```
uint constant public MAX_BUY_TAX = 500; // 5%
uint constant public MAX_SELL_TAX = 500; // 5%
uint constant public MAX_TRANSFER_TAX = 500; // 5%
```

```
function setTaxes(uint buy, uint sell, uint transfer_) public onlyOperator {
    buyTax = buy >= MAX_BUY_TAX ? MAX_BUY_TAX : buy;
    sellTax = sell >= MAX_SELL_TAX ? MAX_SELL_TAX : sell;
    transferTax = transfer_ >= MAX_TRANSFER_TAX ? MAX_TRANSFER_TAX : transfer_;
    emit OnSetTaxes(buy, sell, transfer_);
}
```

Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {
    emit OwnershipTransferred(_owner, address(0));
    _owner = address(0);
}
```

Contract owner can transfer ownership

```
function transferOwnership(address newOwner) public virtual onlyOwner {
    require(newOwner != address(0), "Ownable: new owner is the zero address");
    emit OwnershipTransferred(_owner, newOwner);
    _owner = newOwner;
}
```

CONCLUSION AND ANALYSIS

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.



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 LOW issue during the first review.

TOKEN DETAILS

Details

Buy fees:	5%
Sell fees:	5%
Max TX:	777,000,000
Max Sell:	777,000,000

Honeypot Risk

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

Rug Pull Risk

Liquidity:	N/A
Holders:	Clean



IRISH SHIBA COIN TOKEN DISTRIBUTION & TOP 10 TOKEN HOLDERS



Rank	Address	Quantity (Token)	Percentage
1	0x3b7edbdb1fdc1be99172601b2e2181b5bf0d2e31	742,035,000	95.5000%
2	0x5d7d65d6a24aab483b9fc2a875cb6d92987a2b10	15,540,000	2.0000%
3	0x0ec91c8cb0c8a2bcd6925d13e7283e5cf81010e	15,540,000	2.0000%
4	0xddcd1c6eaf476b7b78d9b0271650d51f01d2498d	3,885,000	0.5000%

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.

