



# SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



**Doge Musk AI**  
\$DMUSK

**27/04/2023**



# TOKEN OVERVIEW

---

## Fees

- Buy fees: 8%
- Sell fees: 8%

## Fees privileges

- Can change fees up to 100%

## Ownership

- Owned

## Minting

- No mint function

## Max Tx Amount / Max Wallet Amount

- Can't change max tx amount and/or max wallet amount

## Blacklist

- Blacklist function not detected

## Other privileges

- Can exclude / include from fees
-

# TABLE OF CONTENTS

1

DISCLAIMER

2

INTRODUCTION

3

WEBSITE + SOCIALS

4-5

AUDIT OVERVIEW

6-8

OWNER PRIVILEGES

9

CONCLUSION AND ANALYSIS

10

TOKEN DETAILS

11

DMUSK TOKEN ANALYTICS &  
TOP 10 TOKEN HOLDERS

12

TECHNICAL DISCLAIMER



# 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 **Doge Musk AI** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

**0xB6F9395fA0956854740994Bf1f35577EEe550611**

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 **27/04/2023**



# WEBSITE DIAGNOSTIC

<https://dogemusikai.com/>



0-49



50-89



90-100



Performance



Accessibility



Best  
Practices



SEO



Progressive  
Web App

## Socials



Twitter

<https://twitter.com/DogeMuskAI>



Telegram

<https://t.me/dogemusikai>

# AUDIT OVERVIEW



Security Score  
**HIGH RISK**  
Audit FAIL



**Static Scan**  
Automatic scanning for  
common vulnerabilities



**ERC Scan**  
Automatic checks for  
ERC's conformance



High



Medium



Low



Optimizations



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(s) from tax**

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    require(
        _isExcludedFromFees[account] != excluded,
        "TOKEN: Account is already excluded"
    );
    _isExcludedFromFees[account] = excluded;

    emit ExcludeFromFees(account, excluded);
}

function excludeMultipleAccountsFromFees(
    address[] calldata accounts,
    bool excluded
) public onlyOwner {
    for (uint256 i = 0; i < accounts.length; i++) {
        _isExcludedFromFees[accounts[i]] = excluded;
    }

    emit ExcludeMultipleAccountsFromFees(accounts, excluded);
}
```

- **Contract owner can exclude wallet from dividends**

```
function excludeFromDividends(address account) external onlyOwner {
    require(!excludedFromDividends[account]);
    excludedFromDividends[account] = true;

    _setBalance(account, 0);
    tokenHoldersMap.remove(account);

    emit ExcludeFromDividends(account);
}
```

- **Contract owner can change swap settings (without threshold)**

```
function setSwapTokens(uint256 amount) external onlyOwner {
    swapTokensAtAmount = amount;
}
```

## ● Contract owner can change fees up to 100%

```
function setBuyFees(
    uint16 _dogereward,
    uint16 _structure,
    uint16 _burn
) external onlyOwner {
    buyFee.dogereward = _dogereward;
    buyFee.structure = _structure;
    buyFee.burn = _burn;

    totalBuyFee = buyFee.dogereward + buyFee.structure;
}

function setSellFees(
    uint16 _dogereward,
    uint16 _structure,
    uint16 _burn
) external onlyOwner {
    sellFee.dogereward = _dogereward;
    sellFee.structure = _structure;
    sellFee.burn = _burn;

    totalSellFee = sellFee.dogereward + sellFee.structure;
}
```

## ● Contract owner can change **structureWallet** address

Current value:

**structureWallet** : 0x78ebe000c553612f5749331619bd52671d9abbbc

```
function setWallets(address payable _structure) external onlyOwner {
    structureWallet = _structure;
}
```

## ● Contract owner can withdraw tokens from smart contract

(native tokens excluded)

```
function claimStuckTokens(address _token) external onlyOwner {
    require(_token != address(this), "No rug pulls");
    if (_token == address(0x0)) {
        payable(owner()).transfer(address(this).balance);
        return;
    }
    IERC20 erc20token = IERC20(_token);
    uint256 balance = erc20token.balanceOf(address(this));
    erc20token.transfer(owner(), balance);
}
```

### **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 issues during the first review.

# TOKEN DETAILS

## Details

Buy fees:	8%
Sell fees:	8%
Max TX:	1,000,000,000,000
Max Sell:	N/A

## Honeypot Risk

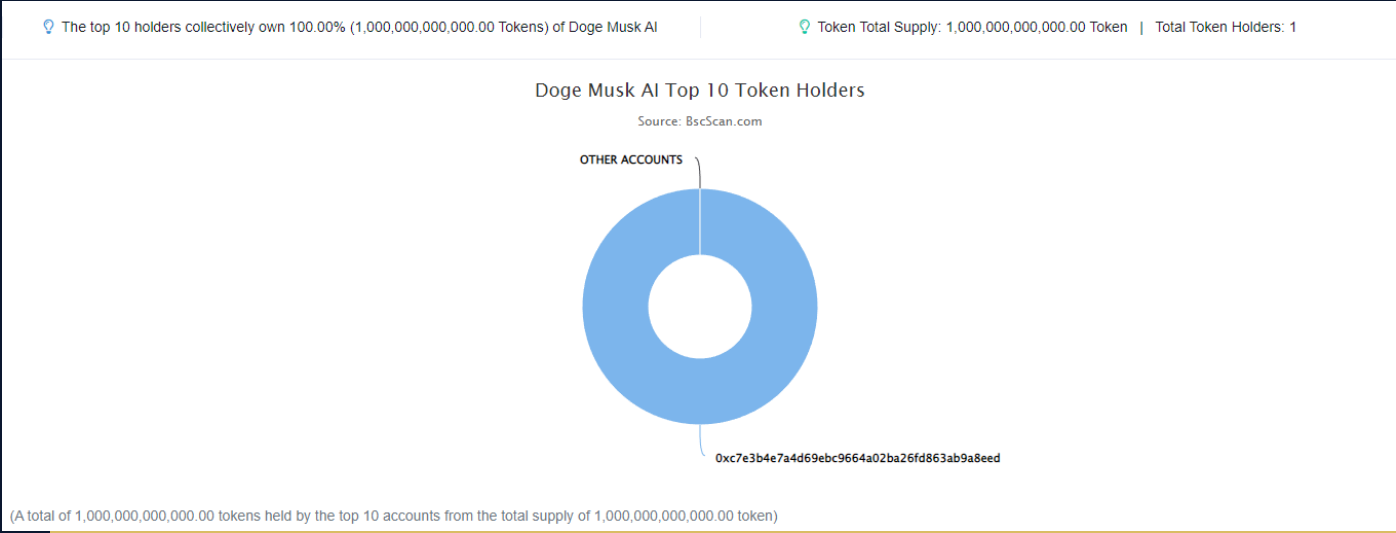
Ownership:	Owned
Blacklist:	Not detected
Modify Max TX:	Not detected
Modify Max Sell:	Not detected
Disable Trading:	Not detected

## Rug Pull Risk

Liquidity:	N/A
Holders:	100% tokens unlocked



# DMUSKTOKEN ANALYTICS & TOP 10 TOKEN HOLDERS



Rank	Address	Quantity (Token)	Percentage
1	0xc7e3b4e7a4d69ebc9664a02ba26fd863ab9a8eed	1,000,000,000,000	100.0000%

# 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.

