



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



Tom coin
\$TMC



28/04/2022



TABLE OF CONTENTS

- 1 DISCLAIMER
- 2 INTRODUCTION
- 3-4 AUDIT OVERVIEW
- 5-6 OWNER PRIVILEGES
- 7 CONCLUSION AND ANALYSIS
- 8 TOKEN DETAILS
- 9 TOM COIN ANALYTICS & TOP 10 TOKEN HOLDERS
- 10 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 Tom coin (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x8f1fE4e6707CD4236b704759d2ee15166C68183a

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 28/04/2022



AUDIT OVERVIEW



Security Score



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 from rewards

```
function excludeFromReward(address account) public onlyOwner {
    require(_excluded.length < 1000, 'Excluded list too long!');
    require(!_isExcluded[account], 'Account is already excluded');
    require(account != MarketingAddress, 'Cannot exclude Marketing address');
    if (_rOwned[account] > 0) {
        _tOwned[account] = tokenFromReflection(_rOwned[account]);
    }
    _isExcluded[account] = true;
    _excluded.push(account);
}

function includeInReward(address account) external onlyOwner {
    require(_isExcluded[account], 'Account is already excluded');
    for (uint256 i = 0; i < _excluded.length; i++) {
        if (_excluded[i] == account) {
            _excluded[i] = _excluded[_excluded.length - 1];
            _tOwned[account] = 0;
            _isExcluded[account] = false;
            _excluded.pop();
            break;
        }
    }
}
```

Contract owner can exclude/include wallet(s) from tax

```
function excludeFromFee(address account) public onlyOwner {
    _isExcludedFromFee[account] = true;
}

function includeInFee(address account) public onlyOwner {
    _isExcludedFromFee[account] = false;
}
```

Contract owner can change swap settings

```
function setSwapAndLiquifyEnabled(bool _enabled) public onlyOwner {
    swapAndLiquifyEnabled = _enabled;
    emit SwapAndLiquifyEnabledUpdated(_enabled);
}
```

Contract owner can change fees up to 100%

```
function setTaxFeePercent(uint256 taxFee) external onlyOwner {
    _taxFee = taxFee;
}

function setLiquidityFeePercent(uint256 liquidityFee) external onlyOwner {
    _liquidityFee = liquidityFee;
}

function setMarketingFeePercent(uint256 marketingFee) external onlyOwner {
    _marketingFee = marketingFee;
}
```

Contract owner can change max tx limitations

```
function setMaxTxPercent(uint256 maxTxPercent) external onlyOwner {
    _maxTxAmount = _tTotal.mul(maxTxPercent).div(10**2);
}
```

Contract owner can change MarketingAddress address

Current value:

MarketingAddress: 0x56c249b0f84c389d4a7822fb922a27390dd2d539

```
function updateMarketingWallet(address newWallet) external onlyOwner {
    emit UpdatedMarketingWallet(MarketingAddress, newWallet);
    MarketingAddress = newWallet;
}
```

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



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 no issue during the first review.

TOKEN DETAILS

Details

Buy fees:	5%
Sell fees:	5%
Max TX:	1,000,000,000,000
Max Sell:	N/A

Honeypot Risk

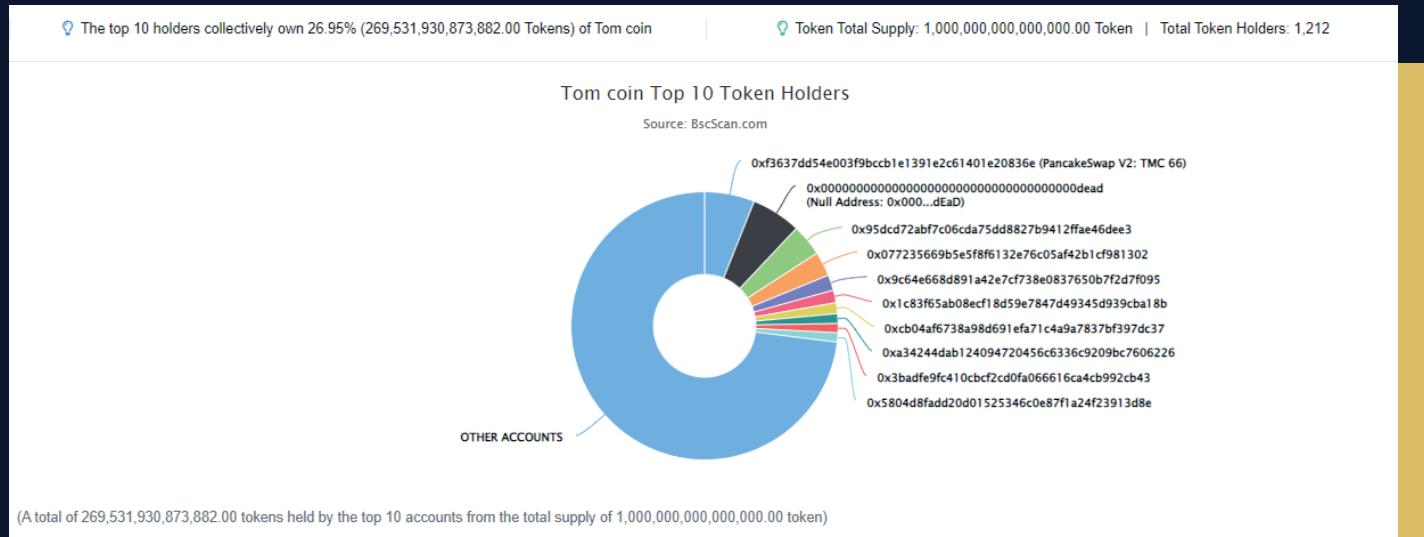
Ownership:	Owned
Blacklist:	Not detected
Modify Max TX:	Detected
Modify Max Sell:	Not detected
Disable Trading:	Not detected

Rug Pull Risk

Liquidity:	N/A
Holders:	Clean



TOM COIN ANALYTICS & TOP 10 TOKEN HOLDERS



Rank	Address	Quantity (Token)	Percentage
1	PancakeSwap V2: TMC 66	60,588,916,144,943,916512751850871413	6.0589%
2	Null Address: 0x000...dEaD	60,000,000,000,000	6.0000%
3	0x95dc72abf7c06cda75dd8827b9412ffae46dee3	38,395,639,686,705,857580858	3.8396%
4	0x077235669b5e5f8f6132e76c05af42b1cf981302	29,348,159,088,322,83613142634136692	2.9348%
5	0x9c64e668d891a42e7cf738e0837650b7f2d7f095	18,864,146,540,657,27510244953938234	1.8864%
6	0x1c83f65ab08ecf18d59e7847d49345d939cba18b	15,093,120,841,292,002808165590861634	1.5093%
7	0xcb04af6738a98d691efa71c4a9a7837bf397dc37	13,217,218,342,748,255730261839500781	1.3217%
8	0xa34244dab124094720456c6336c9209bc7606226	11,819,085,682,166,52350595948481363	1.1819%
9	0x3badfe9fc410cbcf2cd0fa066616ca4cb992cb43	11,125,458,293,484,763301651448176452	1.1125%
10	0x5804d8fadd20d01525346c0e87f1a24f23913d8e	11,080,186,253,559,51936273824904274	1.1080%

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.

