freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

Pitbull OG

$OGPITBULL

27/10/2022

TOKEN OVERVIEW

Fees

• Buy fees:	8%
• Sell fees:	8%

Fees privileges

- Can change buy fees up to 10% and sell fees up to 10%

Ownership

- Owned

Minting

- No mint function

Max Tx Amount / Max Wallet Amount

- Can change max tx amount and max wallet amount with threshold

Blacklist

- No blacklist function

Other privileges

- Can exclude / include from fees
- Can exclude / include from tx and wallet limitations

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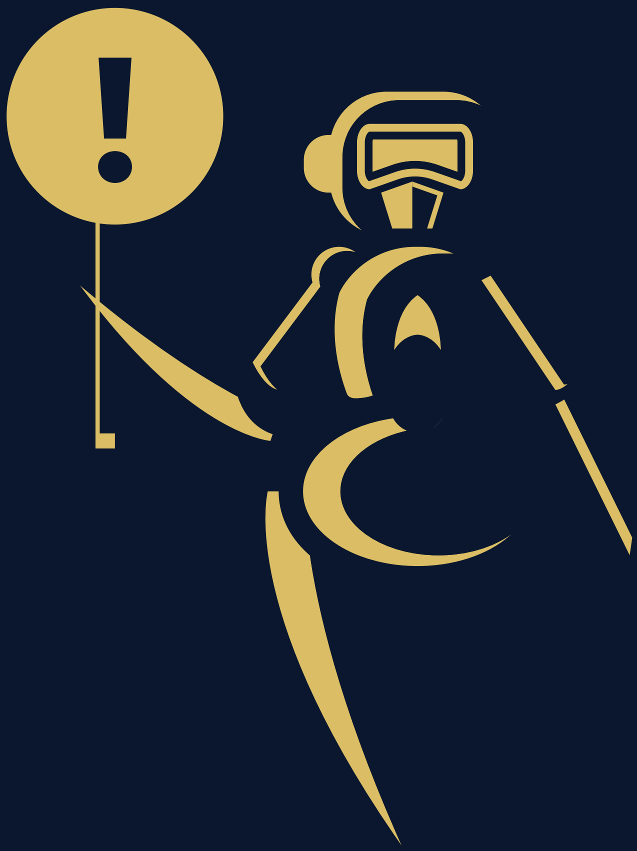
DISCLAIMER

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 Pitbull OG (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x5c2B5ceE41fF28Fe3FC7a9ED800138eD05d73308

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 27/10/2022

AUDIT OVERVIEW

92

Security Score

94

Static Scan

Automatic scanning for common vulnerabilities

90

ERC Scan

Automatic checks for ERC's conformance

0	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 setIsExcludedFromFee(address account, bool newValue) public onlyOwner {
    isExcludedFromFee[account] = newValue;
}
```

● Contract owner can exclude/include wallet from limitations

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

function setIsWalletLimitExempt(address holder, bool exempt) external onlyOwner {
    isWalletLimitExempt[holder] = exempt;
}
```

● Contract owner can enable/disable wallet limitations

```
function enableDisableWalletLimit(bool newValue) external onlyOwner {
    checkWalletLimit = newValue;
}
```

● Contract owner can change swap settings

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

function setSwapAndLiquifyByLimitOnly(bool newValue) public onlyOwner {
    swapAndLiquifyByLimitOnly = newValue;
}
```

● Contract owner can change max wallet amount with threshold

```
function setWalletLimit(uint256 newLimit) external onlyOwner {
    require(newLimit >= _totalSupply / 1000, "Cannot set MaxWallet lower than 0.1%");
    _walletMax  = newLimit;
}
```

● Contract owner can change max tx amount with threshold

```
function setMaxTxAmount(uint256 maxTxAmount) external onlyOwner() {
    require(maxTxAmount >= _totalSupply / 1000, "Cannot set MaxTxAmount lower than 0.1%");
    _maxTxAmount = maxTxAmount;
}
```

Contract owner can change buy fees up to 10% and sell fees up to 10%

```
function setBuyTaxes(uint256 newLiquidityTax, uint256 newMarketingTax, uint256 newTeamTax) external
onlyOwner() {
        _buyLiquidityFee = newLiquidityTax;
        _buyMarketingFee = newMarketingTax;
        _buyTeamFee = newTeamTax;

        _totalTaxIfBuying = _buyLiquidityFee.add(_buyMarketingFee).add(_buyTeamFee);
        require(_totalTaxIfBuying <= 10, "Buy tax must be less than 10%");
}

function setSellTaxes(uint256 newLiquidityTax, uint256 newMarketingTax, uint256 newTeamTax) external
onlyOwner() {
        _sellLiquidityFee = newLiquidityTax;
        _sellMarketingFee = newMarketingTax;
        _sellTeamFee = newTeamTax;

        _totalTaxIfSelling = _sellLiquidityFee.add(_sellMarketingFee).add(_sellTeamFee);
        require(_totalTaxIfSelling <= 10, "Sell tax must be less than 10%");
}
```

Contract owner can change marketingWalletAddress and teamWalletAddress address

Current values:

marketingWalletAddress : 0xd724c57e1bf1f9fc9eda2f8350944d2c38d3ccc0

teamWalletAddress : 0x30da7eb97001baaf8752a26a8c7ed589b592707d

```
function setMarketingWalletAddress(address newAddress) external onlyOwner() {
        marketingWalletAddress = payable(newAddress);
}

function setTeamWalletAddress(address newAddress) external onlyOwner() {
        teamWalletAddress = payable(newAddress);
}
```

Contract owner can renounce ownership

```
function waiveOwnership() 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;
}
```

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 no HIGH issues during the first review.

TOKEN DETAILS

Details

Buy fees:	8%
Sell fees:	8%
Max TX:	100,000,000
Max Sell:	N/A

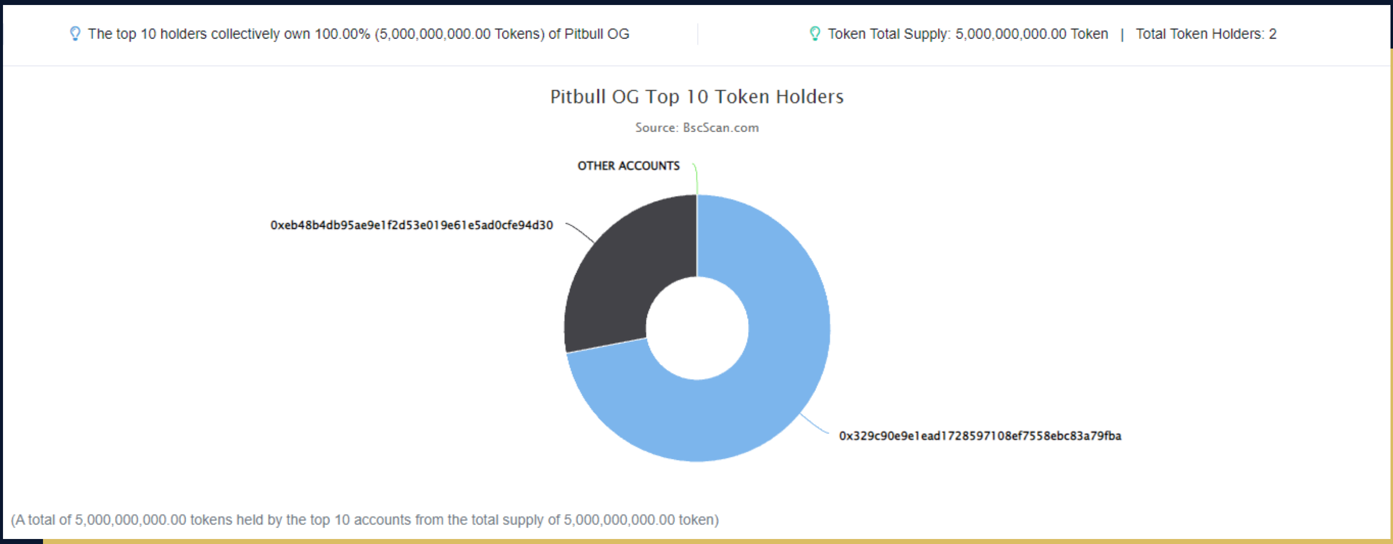
Honeypot Risk

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

Others

Liquidity:	N/A
Holders:	Clean

PITBULL OG TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS



The top 10 holders collectively own 100.00% (5,000,000,000.00 Tokens) of Pitbull OG

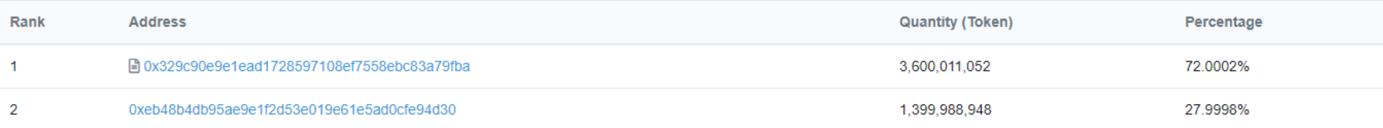
Token Total Supply: 5,000,000,000.00 Token | Total Token Holders: 2

Pitbull OG Top 10 Token Holders

Source: BscScan.com

OTHER ACCOUNTS
0xeb48b4db95ae9e1f2d53e019e61e5ad0cfe94d30
0x329c90e9e1ead1728597108ef7558ebc83a79fba

(A total of 5,000,000,000.00 tokens held by the top 10 accounts from the total supply of 5,000,000,000.00 token)



Rank	Address	Quantity (Token)	Percentage
1	0x329c90e9e1ead1728597108ef7558ebc83a79fba	3,600,011,052	72.0002%
2	0xeb48b4db95ae9e1f2d53e019e61e5ad0cfe94d30	1,399,988,948	27.9998%

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.