



## SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



Zoobdoo  
\$ZBDO



30/03/2022



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

0xe56c1611F3604494d6755c9F5baFd1534D7e1C3c

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 30/03/2022



# 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 tax

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

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

Contract owner can exclude/include wallet from reward

```
function excludeFromReward(address account) public onlyOwner {
    require(!_isExcluded[account], "Account is already excluded");
    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 not 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 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 setBuyFee(uint256 buyTaxFee, uint256 buyLiquidityFee)
    external
    onlyOwner
{
    _buyTaxFee = buyTaxFee;
    _buyLiquidityFee = buyLiquidityFee;
}

function setSellFee(uint256 sellTaxFee, uint256 sellLiquidityFee)
    external
    onlyOwner
{
    _sellTaxFee = sellTaxFee;
    _sellLiquidityFee = sellLiquidityFee;
}

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

## Contract owner can change **marketingAddress** address

Current value:

**marketingAddress** : 0xec3297dee4be73014acfddff6793141ce65d57

```
function setMarketingAddress(address _marketingAddress) external onlyOwner {
    marketingAddress = payable(_marketingAddress);
}
```

## Contract owner can set max buy, sell and tx limit amount

```
function setMaxSellTxAmount(uint256 maxSellTxAmount) external onlyOwner {
    _maxSellTxAmount = maxSellTxAmount;
}

function setMaxBuyTxAmount(uint256 maxBuyTxAmount) external onlyOwner {
    _maxBuyTxAmount = maxBuyTxAmount;
}

function setMaxTxAmount(uint256 maxTxAmount) external onlyOwner {
    _maxTxAmount = maxTxAmount;
}
```

## 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:	9% (monthly reduced)
Max TX:	1,000,000,000
Max Sell:	N/A

## Honeypot Risk

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

## Rug Pull Risk

Liquidity:	N/A
Holders:	Clean



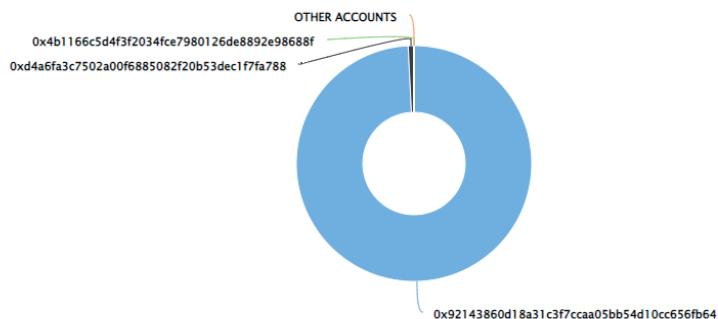
# ZOOBDOO TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (1,000,000,000.00 Tokens) of Zoobdoo

Token Total Supply: 1,000,000,000.00 Token | Total Token Holders: 3

Zoobdoo Top 10 Token Holders

Source: BscScan.com



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

Rank	Address	Quantity (Token)	Percentage
1	0x92143860d18a31c3f7ccaa05bb54d10cc656fb64	992,160,000	99.2160%
2	0xd4a6fa3c7502a00f6885082f20b53dec1f7fa788	7,740,000	0.7740%
3	0x4b1166c5d4f3f2034fce7980126de8892e98688f	100,000	0.0100%

# 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.

