



# SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



**FoxyGamblerBUSD**  
\$FOXI

**24/07/2022**

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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 Honeygot etc )



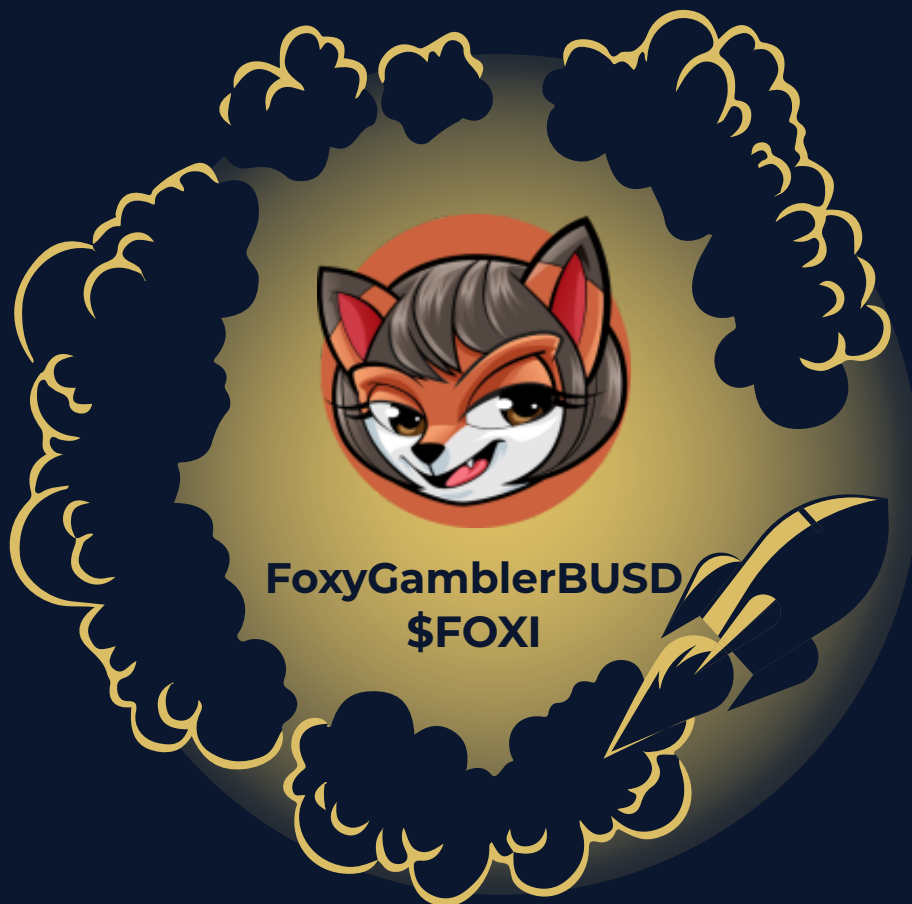
# INTRODUCTION

**FreshCoins** (Consultant) was contracted by **FoxyGamblerBUSD** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

**0x293bBEEE5096A7Fb5892621D3Ea652f778B549C2**

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 **24/07/2022**



# 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 change swap status

```
function updateSwapTokensAtAmount(uint256 newAmount) external onlyOwner returns (bool){
    require(newAmount >= totalSupply() * 1 / 100000, "Swap amount cannot be lower than 0.001% total supply.");
    require(newAmount <= totalSupply() * 5 / 1000, "Swap amount cannot be higher than 0.5% total supply.");
    swapTokensAtAmount = newAmount;
    return true;
}
```

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

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    _isExcludedFromFees[account] = excluded;
    emit ExcludeFromFees(account, excluded);
}

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

Contract owner can exclude/include wallet from tx limitations

```
function excludeFromMaxTransaction(address updAds, bool isEx) public onlyOwner {
    _isExcludedMaxTransactionAmount[updAds] = isEx;
    emit ExcludedMaxTransactionAmount(updAds, isEx);
}
```

Contract owner can exclude/include wallet from dividends

```
function excludeFromDividends(address account) external onlyOwner {
    excludedFromDividends[account] = true;
    _setBalance(account, 0);
    tokenHoldersMap.remove(account);
    emit ExcludeFromDividends(account);
}

function includeInDividends(address account) external onlyOwner {
    require(excludedFromDividends[account]);
    excludedFromDividends[account] = false;
    emit IncludeInDividends(account);
}
```

## Contract owner can change marketingWallet, liquidityWallet and TournamentWallet addresses

### Current values:

marketingWallet : 0xce4980b8576eb5bec844044387eee9bb5a83b268

liquidityWallet : 0xa7c5ce58be42b80eeebdcd04bc03b8c2aeac9a23

TournamentWallet : 0xc53fd08166195f6110222645c5a2541f110517a8

```
function updateMarketingWallet(address newMarketingWallet) external onlyOwner {
    require(newMarketingWallet != address(0), "cannot set to 0 address");
    excludeFromFees(newMarketingWallet, true);
    emit marketingWalletUpdated(newMarketingWallet, marketingWallet);
    marketingWallet = newMarketingWallet;
}

function updateLiquidityWallet(address newWallet) external onlyOwner {
    require(newWallet != address(0), "cannot set to 0 address");
    excludeFromFees(newWallet, true);
    emit liquidityWalletUpdated(newWallet, liquidityWallet);
    liquidityWallet = newWallet;
}

function updateTournamentWallet(address newWallet) external onlyOwner {
    require(newWallet != address(0), "cannot set to 0 address");
    excludeFromFees(newWallet, true);
    emit TournamentWalletUpdated(newWallet, TournamentWallet);
    TournamentWallet = newWallet;
}
```

## Contract owner can change max tx amount

```
function updateMaxAmount(uint256 newNum) external onlyOwner {
    require(newNum > (totalSupply() * 5 / 1000) / 1e18, "Cannot set maxTransactionAmount lower than 0.5%");
    maxTransactionAmount = newNum * (10**18);
}
```

## Contract owner can add extra sell tax up to 35%

```
function updatePenaltySellFees(uint256 _marketingFee, uint256 _rewardsFee, uint256 _liquidityFee, uint256 _TournamentFee) external onlyOwner {
    marketingPenaltySellFee = _marketingFee;
    rewardsPenaltySellFee = _rewardsFee;
    liquidityPenaltySellFee = _liquidityFee;
    TournamentPenaltySellFee = _TournamentFee;
    totalPenaltySellFees = marketingPenaltySellFee + rewardsPenaltySellFee + liquidityPenaltySellFee + TournamentPenaltySellFee;
    require(totalPenaltySellFees <= 3500, "Must keep fees at 35% or less");
    require(totalPenaltySellFees >= totalSellFees, "May not have penalty lower than regular sells");
}
```



## Contract owner can change buy tax up to 15% and sell tax up to 25%

```
function updateBuyFees(uint256 _marketingFee, uint256 _rewardsFee, uint256 _liquidityFee, uint256 _TournamentFee) external onlyOwner {
    marketingBuyFee = _marketingFee;
    rewardsBuyFee = _rewardsFee;
    liquidityBuyFee = _liquidityFee;
    TournamentBuyFee = _TournamentFee;
    totalBuyFees = marketingBuyFee + rewardsBuyFee + liquidityBuyFee + TournamentBuyFee;
    require(totalBuyFees <= 1500, "Must keep fees at 15% or less");
}

function updateSellFees(uint256 _marketingFee, uint256 _rewardsFee, uint256 _liquidityFee, uint256 _TournamentFee) external onlyOwner {
    marketingSellFee = _marketingFee;
    rewardsSellFee = _rewardsFee;
    liquiditySellFee = _liquidityFee;
    TournamentSellFee = _TournamentFee;
    totalSellFees = marketingSellFee + rewardsSellFee + liquiditySellFee + TournamentSellFee;
    require(totalSellFees <= 2500, "Must keep fees at 25% or less");
}
```

## Contract owner can renounce ownership

```
function renounceOwnership() external 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:	14%
Sell fees:	16% (+penalty check <a href="https://foxygambler.com">https://foxygambler.com</a> )
Max TX:	5,000,000,000
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



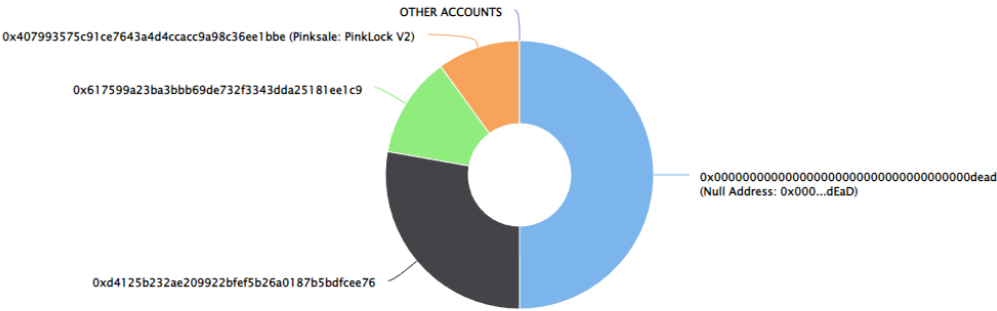
# FOXYGAMBLERBUSD TOKEN ANALYTICS

## & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (1,000,000,000,000.00 Tokens) of FoxyGamblerBUSD | Token Total Supply: 1,000,000,000,000.00 Token | Total Token Holders: 4

FoxyGamblerBUSD Top 10 Token Holders

Source: BscScan.com



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

Rank	Address	Quantity (Token)	Percentage
1	<a href="#">Null Address: 0x000...dEaD</a>	500,000,000,000	50.0000%
2	<a href="#">0xd4125b232ae209922bfef5b26a0187b5bdfcee76</a>	277,950,000,000	27.7950%
3	<a href="#">0x617599a23ba3bbb69de732f3343dda25181ee1c9</a>	122,050,000,000	12.2050%
4	<a href="#">Pinksale: PinkLock V2</a>	100,000,000,000	10.0000%

# 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.

