freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

Soccer Galaxy

$SOG

04/09/2022

TOKEN OVERVIEW

Fees

- Buy fees: 5%
- Sell fees: 5%

Fees privileges

- Can set fees up to 100%

Ownership

- Owned

Minting

- No mint function

Max Tx Amount / Max Wallet Amount

- Can’t set max tx amount and/or wallet limitations

Blacklist

- No blacklist function

Other privileges

- Can exclude from fees

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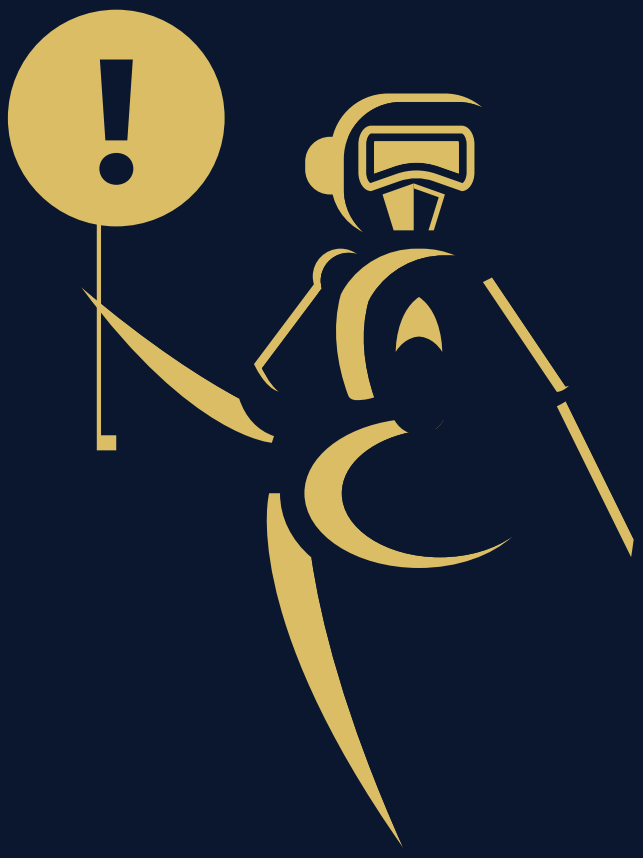
DISCLAIMER

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

0xBF2A2828C7DF44Afe0ef2c14910E29b9878D9695

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 04/09/2022

AUDIT OVERVIEW

89

Security Score

89

Static Scan
Automatic scanning for common vulnerabilities

92

ERC Scan
Automatic checks for ERC's conformance

1 High

0 Medium

3 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(s) from tax

```
function setNoFeesUser(address user, bool state) external onlyOwner{
    noFees[user] = state;
    emit NoFeeUpdated(user, state);
}
```

- Contract owner can change buy and burn settings

```
function setBuyAndBurnToken(address _token) external onlyOwner{
    selectedToken = _token;
    IERC20(selectedToken).approve(address(router), type(uint256).max);
}

function setBuyAndBurnSetting(bool status, uint256 threshold) external onlyOwner{
    require(threshold > 0 || status == false);
    buyAndBurnEnabled = status;
    buyAndBurnThreshold = threshold;
}

function manualBuyAndBurn(uint256 amount) external onlyOwner{
    require(address(this).balance >= amount);
    buyAndBurn(amount);
}
```

- Contract owner can change swap settings and threshold

```
function setSwapEnabled(bool state) external onlyOwner{
    swapEnabled = state;
    emit SwapEnabled(state);
}

function setSwapThreshold(uint256 amount) external onlyOwner{
    require(amount > 0, "Threshold must be greater than 0");
    swapThreshold = amount * 10**18;
    emit SwapThresholdUpdated(amount);
}
```

Contract owner can change buy fees and sell fees up to 100%

```
function setBuyFees(uint64 _buyAndBurn, uint64 _lp, uint64 _marketing) external onlyOwner{
        buyFees = Fees(_buyAndBurn, _lp, _marketing);
        totalBuyFee = _buyAndBurn + _lp + _marketing;
        emit FeesUpdated();
    }

    function setSellFees(uint64 _buyAndBurn, uint64 _lp, uint64 _marketing) external onlyOwner{
        sellFees = Fees(_buyAndBurn, _lp, _marketing);
        totalSellFee = _buyAndBurn + _lp + _marketing;
        emit FeesUpdated();
    }
```

Contract owner can change lpRecipient and marketingWallet addresses

Current values:

lpRecipient : 0x0000000000000000000000000000000000000000

marketingWallet : 0x0000000000000000000000000000000000000000

```
function setLpRecipient(address _lpRecipient) external onlyOwner{
        lpRecipient = _lpRecipient;
        noFees[lpRecipient] = true;
    }

    function setMarketingWallet(address _marketingWallet) external onlyOwner{
        marketingWallet = _marketingWallet;
        noFees[marketingWallet] = true;
    }
```

Contract owner can withdraw stuck tokens from smart contract

```
function rescueBNB() external onlyOwner{
        payable(owner()).sendValue(address(this).balance);
    }

    function rescueTokens(address tokenAdd, uint256 amount) external onlyOwner{
        IERC20(tokenAdd).transfer(owner(), amount);
    }
```

Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {
        _transferOwnership(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");
    _transferOwnership(newOwner);
}

function _transferOwnership(address newOwner) internal virtual {
    address oldOwner = _owner;
    _owner = newOwner;
    emit OwnershipTransferred(oldOwner, 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 1 HIGH issue during the first review.

TOKEN DETAILS

Details

Buy fees:	5%
Sell fees:	5%
Max TX:	N/A
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

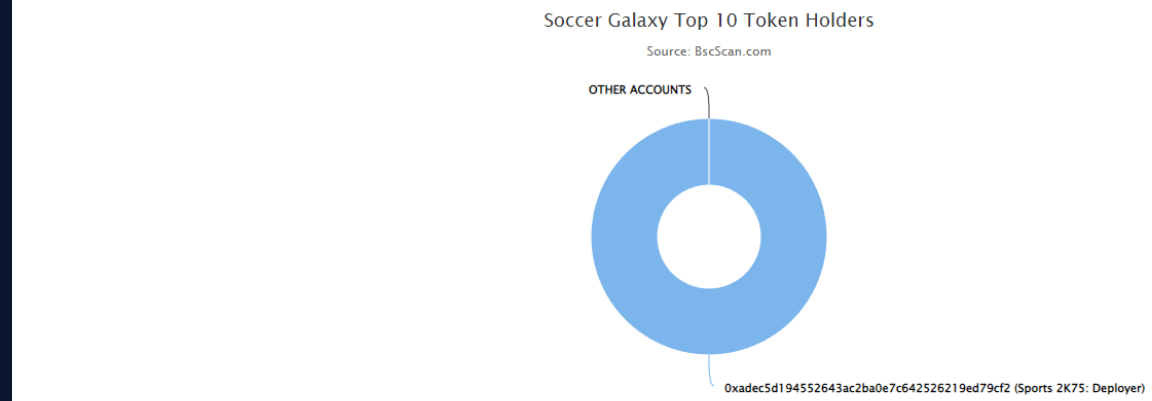
Others

Liquidity:	N/A
Holders:	Clean

SOCCER GALAXY TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (3,000,000,000.00 Tokens) of Soccer Galaxy

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



(A total of 3,000,000,000.00 tokens held by the top 10 accounts from the total supply of 3,000,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	Sports 2K75: Deployer	3,000,000,000	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.