



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



Over Rich
\$ORICH



21/02/2022



TABLE OF CONTENTS

- 1 DISCLAIMER
- 2 INTRODUCTION
- 3-4 WEBSITE DIAGNOSTIC
- 5-6 AUDIT OVERVIEW
- 7-8 OWNER PRIVILEGES
- 9 CONCLUSION AND ANALYSIS
- 10 TOKEN DETAILS
- 11 OVER RICH TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS
- 12 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 Over Rich (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x443110067420E279bc8Dee08C711ae97D53da774

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 21/02/2022



WEBSITE DIAGNOSTIC

<https://overrich.finance/>



0-49



50-89



90-100



Performance



Accessibility



Best Practices



SEO



Progressive
Web App

Metrics



First Contentful Paint

3.1 s



Time to interactive

5.1 s



Speed Index

5.5 s



Total Blocking Time

160 ms



Large Contentful Paint

4.3 s



Cumulative Layout Shift

0.021

WEBSITE IMPROVEMENTS

Reduce unused CSS

Reduce unused JavaScript

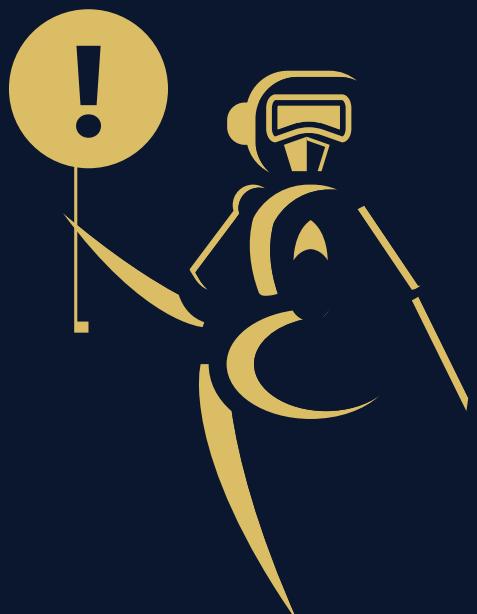
Ensure text remains visible during webfont load

Image elements do not have explicit width and height

Form elements do not have associated labels

Links do not have a discernible name

Heading elements are not in a sequentially-descending order



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 exclude an address from transactions.

Contract owner can't mint tokens after initial contract deploy

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

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    require(_isExcludedFromFees[account] != excluded, "ORICH: Account is already the value of 'excluded'");
    _isExcludedFromFees[account] = excluded;

    emit ExcludeFromFees(account, excluded);
}

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

    emit ExcludeMultipleAccountsFromFees(accounts, excluded);
}
```

Contract owner can exclude/include wallet from dividends

```
function excludeFromDividends(address account) external onlyOwner{
    dividendTracker.excludeFromDividends(account);
}
```

Contract owner can change swap settings

```
function setSwapTokensAtAmount(uint256 amount) external onlyOwner {
    swapTokensAtAmount = amount * 10**9;
}
```

Contract owner can change max buy & sell tx amount

```
function setMaxSellTx(uint256 _maxSellTxAmount) public onlyOwner {
    maxSellTransactionAmount = _maxSellTxAmount * 10**9;
}

function setMaxBuyTx(uint256 _maxBuyTxAmount) public onlyOwner {
    maxBuyTransactionAmount = _maxBuyTxAmount * 10**9;
}
```

Contract owner can change `_marketingWalletAddress` and `_buybackWalletAddress` addresses

Current values:

`_marketingWalletAddress` : 0xb82c789b261687bb0b80fb96359c1d165602b431

`_buybackWalletAddress` : 0x2f2f044a8b40df2a4440e10756b38bfb71f72312

```
function setMarketingWallet(address payable wallet) external onlyOwner{
    _marketingWalletAddress = wallet;
}

function setBuybackWallet(address payable wallet) external onlyOwner{
    _buybackWalletAddress = wallet;
}
```

Contract owner can change the fees up to 100%

```
function setOnSellFee(uint256 rewardFee, uint256 _liquidityFee, uint256 _marketingFee, uint256 _BuybackFee) external onlyOwner{
    onSellBUSDFee = rewardFee;
    onSellLiquidityFee = _liquidityFee;
    onSellMarketingFee = _marketingFee;
    onSellBuybackFee = _BuybackFee;
    onSellTotalFees = onSellBUSDFee.add(onSellLiquidityFee).add(onSellMarketingFee).add(onSellBuybackFee);
}

function setOnBuyFee(uint256 rewardFee, uint256 _liquidityFee, uint256 _marketingFee, uint256 _BuybackFee) external onlyOwner{
    BUSDFee = rewardFee;
    liquidityFee = _liquidityFee;
    marketingFee = _marketingFee;
    BuybackFee = _BuybackFee;
    totalFees = BUSDFee.add(liquidityFee).add(marketingFee).add(BuybackFee);
}
```

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:	8%
Sell fees:	12%
Max TX:	100,000
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



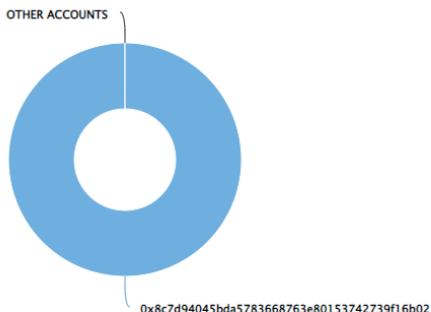
OVER RICH TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (10,000,000.00 Tokens) of Over Rich

Token Total Supply: 10,000,000.00 Token | Total Token Holders: 1

Over Rich Top 10 Token Holders

Source: BscScan.com



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

Rank	Address	Quantity (Token)	Percentage
1	0x8c7d94045bda5783668763e80153742739f16b02	10,000,000	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.

