freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

LishiCoin

$LSC

13/01/2022

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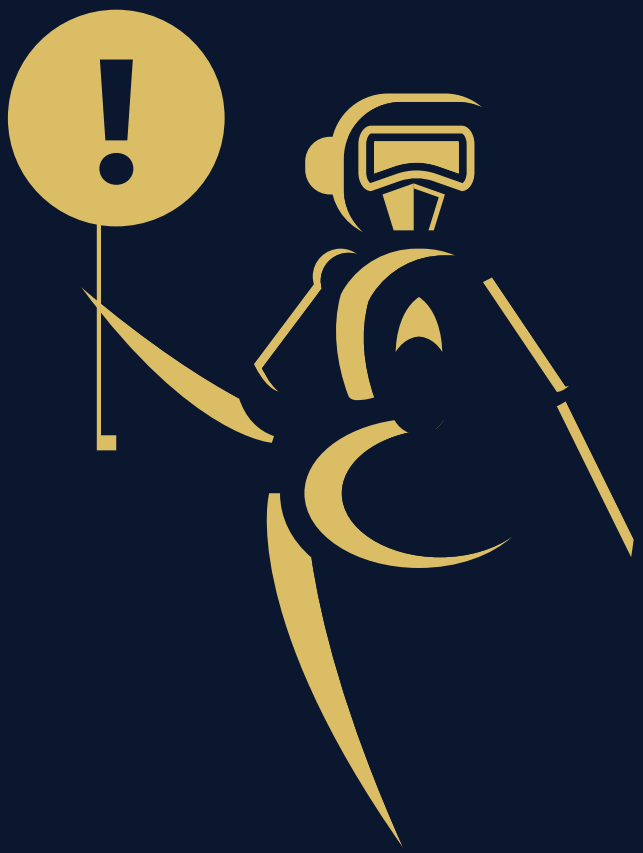
DISCLAIMER

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

0x00786CEE8D7c3eA195cB5b5f54674E28A020c1EB

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 13/01/2022

WEBSITE DIAGNOSTIC

https://lishicoinlsc.com/

0-49 50-89 90-100

72	85	91	83	NA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

Metrics

First Contentful Paint
7.2 s

Time to interactive
5.2 s

Speed Index
6.6 s

Total Blocking Time
130 ms

Large Contentful Paint
7.9 s

Cumulative Layout Shift
0.001

WEBSITE IMPROVEMENTS

- Eliminate render-blocking resources
- Reduce unused CSS
- Properly size images
- Image elements do not have explicit width and height
- Use video formats for animated content
- Reduce initial server response time
- Ensure text remains visible during webfont load

AUDIT OVERVIEW

92

Security Score

90

Static Scan
Automatic scanning for common vulnerabilities

94

ERC Scan
Automatic checks for ERC's conformance

0	High
0	Medium
0	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	Low
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 fee

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

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

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;
}
```

Contract owner can change max tx & max wallet amount

```
function setMaxTxPercent(uint256 maxTxPercent) external onlyOwner() {
        _maxTxAmount = _tTotal.mul(maxTxPercent).div(
            10**2
        );
}
.
.
.
function setMaxWalletPercent(uint256 maxWallPercent) external onlyOwner() {
        _maxWalletSize = _tTotal.mul(maxWallPercent).div(
            10**2
        );
}
```

Contract owner can change the fees

```
function setTaxFeePercent(uint256 taxFee) external onlyOwner() {
    _taxFee = taxFee;
}

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

function setBurnFeePercent(uint256 burnFee) external onlyOwner() {
    _burnFee = burnFee;
}

function setMarketingFeePercent(uint256 fee) external onlyOwner() {
    _marketingFee = fee;
}
```

Contract owner can change swap settings

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

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 LOW issue during the first review.

TOKEN DETAILS

Details

Buy fees:	12%
Sell fees:	12%
Max TX:	10000000000000000
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

LISHICOIN TOKEN DISTRIBUTION & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (100,000,000.00 Tokens) of LishiCoin

Token Total Supply: 100,000,000.00 Token | Total Token Holders: 4

(A total of 100,000,000.00 tokens held by the top 10 accounts from the total supply of 100,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0xaeffe6eb6908b797ae0c7ef7781631c3fe835aae	91,500,000	91.5000%
2	0x198884650456fed786d95046ae9f5e31cbe55b41	5,000,000	5.0000%
3	0x6d0177dc961de784fc8bb90fbd75d95f01a83b8c	2,000,000	2.0000%
4	0xc17586637e7facae4a7f9e22b522f607ef67d506	1,500,000	1.5000%

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.