freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

LINDAXCEO
$LINDA

03/06/2023

TOKEN OVERVIEW

Fees

• Buy fees: 1%

• Sell fees: 1%

Fees privileges

• Can change buy fees up to 20% and sell fees up to 20%

Ownership

• Owned

Minting

• No mint function

Max Tx Amount / Max Wallet Amount

• Can't change max tx amount and max wallet amount

Blacklist

• Blacklist function not detected

Other privileges

• Can exclude / include 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
LINDAXCEO (Customer) to conduct a Smart Contract Code Review and
Security Analysis.

0x786Aa2a97a3332F6155D621050Fe7d525cbC45bD

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 **03/06/2023**

WEBSITE DIAGNOSTIC

0-49   **50-89**   **90-100**

94
Performance

92
Accessibility

91
Best
Practices

92
SEO

NA
Progressive
Web App

Socials

Twitter
https://twitter.com/Lindaxceo

Telegram
https://t.me/lindaxceo

AUDIT OVERVIEW

92

Security Score

98

Static Scan
Automatic scanning for common vulnerabilities

88

ERC Scan
Automatic checks for ERC's conformance

0 High

2 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	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 addWhitelisted(address  userAddress) external onlyOwner {
    _whitelist[userAddress] = true;
    emit AddWhitelist(userAddress);
}

function removeWhitelisted(address userAddress) external onlyOwner {
    _whitelist[userAddress] = false;
    emit RemoveWhitelist(userAddress);
}
```

● **Contract owner can change swap settings**

```
function setSwapPath(address[] calldata swapPath) external onlyOwner {
    _swapPath = swapPath;
}

function setSwapAddress(address swapRouter) external onlyOwner {
    _swapRouter = swapRouter;
}
```

● **Contract owner can change taxAddress address**

Current value:

taxAddress : 0x8425030c0f22d1e4613c3100a059220dd93b5e28

```
function setTaxAccount(address taxAccount) external onlyOwner {
    require(taxAccount != address(0), "taxAccount_ can't be the zero address");
    _taxAddress = taxAccount;
    _whitelist[taxAccount] = true;
    emit TaxAddressUpdated(taxAccount);
    emit AddWhitelist(taxAccount);
}
```

● Contract owner can change buy fees up to 20% and sell fees up to 20%

_maxTax value 20

⊞ **Constructor Arguments** (ABI-Encoded and is the last bytes of the Contract Creation Code above)

```
0000000000000000000000008425030c0f22d1e4613c3100a059220dd93b5e2800000000000000000000000000000000000000000000000000000000000000140000000000000000000000000000000000000000000000000000000000000010
0000000000000000000000000000000000000000000000000000000100000000000000000000000010ed43c718714eb63d5aa57b78b54704e256024e0000000000000000000000000000000000000000000000000000001010b87200

-----Decoded View---------------
Arg [0] : taxAccount (address): 0x8425030c0f22d1e4613c3100a059220dd93b5e28
Arg [1] : maxTaxAmount (uint256): 20
Arg [2] : buyTaxAmount (uint256): 1
Arg [3] : sellTaxAmount (uint256): 1
Arg [4] : swapRouter (address): 0x10ed43c718714eb63d5aa57b78b54704e256024e
Arg [5] : preMint (uint256): 69000000000
```

```solidity
function setBuyTax(uint256 currentTaxAmount) external onlyOwner {
    require(currentTaxAmount <= _maxTax, "Tax amount exceeds maxTax");
    _buyTax = currentTaxAmount;
    emit BuyTaxUpdated(currentTaxAmount);
}

function setSellTax(uint256 currentTaxAmount) external onlyOwner {
    require(currentTaxAmount <= _maxTax, "Tax amount exceeds maxTax");
    _sellTax = currentTaxAmount;
    emit SellTaxUpdated(currentTaxAmount);
}
```

● Contract owner has ability to retrieve any token held by the contract

Native tokens included

```solidity
function retrieveAll(address token) external onlyOwner {
    IERC20 retrieveToken = IERC20(token);
    uint256 retrieveBalance = retrieveToken.balanceOf(address(this));
    retrieveToken.safeTransfer(_msgSender(), retrieveBalance);
}
```

● Contract owner can manage pool addresses

```solidity
function addPool(address poolAddress) external onlyOwner {
    _isPool[poolAddress] = true;
    emit AddPoolAddress(poolAddress);
}

function removePool(address poolAddress) external onlyOwner {
    _isPool[poolAddress] = false;
    emit RemovePoolAddress(poolAddress);
}
```

● Contract owner can renounce ownership

```solidity
function renounceOwnership() public virtual onlyOwner {
    _transferOwnership(address(0));
}
```

● Contract owner can transfer ownership

```solidity
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 no HIGH issues during the first review.

TOKEN DETAILS

Details

Buy fees:	1%
Sell fees:	1%
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

Rug Pull Risk

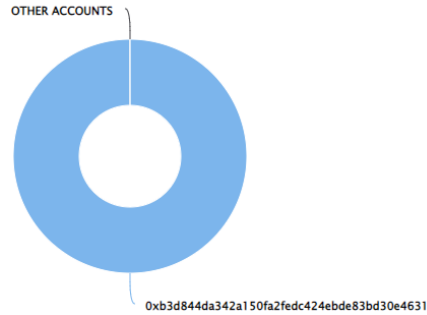|	
Liquidity:	N/A
Holders:	100% unlocked tokens

LINDA TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (69,000,000,000.00 Tokens) of LINDAXCEO | Token Total Supply: 69,000,000,000.00 Token | Total Token Holders: 1

LINDAXCEO Top 10 Token Holders
Source: BscScan.com

OTHER ACCOUNTS

0xb3d844da342a150fa2fedc424ebde83bd30e4631

(A total of 69,000,000,000.00 tokens held by the top 10 accounts from the total supply of 69,000,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0xb3d844da342a150fa2fedc424ebde83bd30e4631	69,000,000,000	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.