



Building the Futuristic **Blockchain** Ecosystem

# SECURITY AUDIT REPORT



**LindaCEO**

LindaCEO

# TABLE OF CONTENTS

02	Table of Contents	_____
03	Overview	_____
04	Project Description	_____
05	Social Media Profiles	_____
06	Contract Details	_____
07	Owner Privileges	_____
08	Audit Methodology	_____
09	Vulnerabilities Checklist	_____
10	Risk Classification	_____
11	Inheritance Trees & Risk Overview	_____
12	Function Details	_____
16	Manual Review	_____
17	Findings	_____
18	About Expelee	_____
19	Disclaimer	_____

# OVERVIEW

The Expelee team has performed a line-by-line manual analysis and automated review of the smart contract. The smart contract was analysed mainly for common smart contract vulnerabilities, exploits, and manipulation hacks. According to the smart contract audit:

<b>Audit Result</b>	<b>Passed</b>
<b>KYC Verification</b>	<b>No</b>
<b>Audit Date</b>	<b>14 May 2023</b>

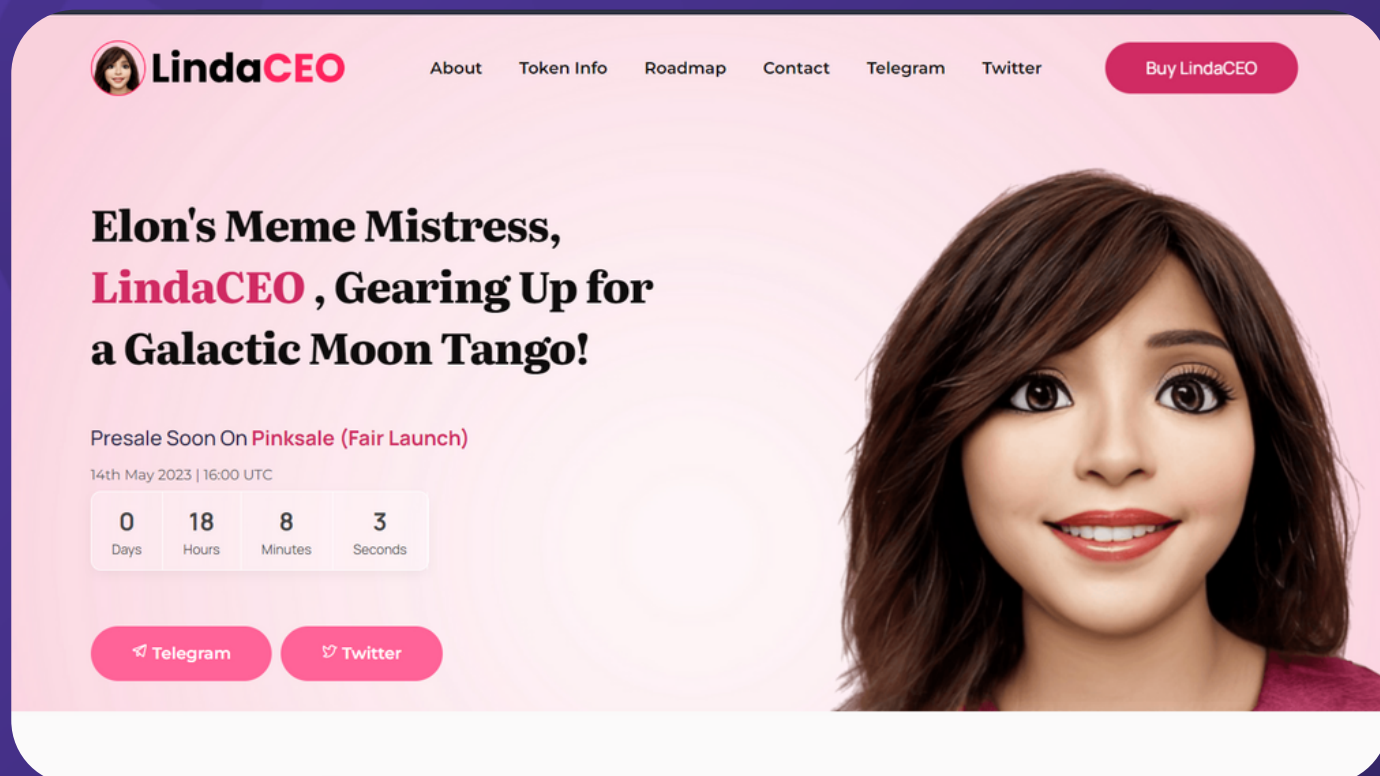
# PROJECT DESCRIPTION

Welcome to LindaCEO, a mirthful meme coin masterstroke, lauded by tech luminary Elon Musk. A prized paragon in the Twitter cosmos, Linda is more than a figurehead; she symbolizes a prosperous pivot in your financial narrative.



# SOCIAL MEDIA PROFILES

## LindaCEO



The screenshot shows the LindaCEO website with a pink header. The navigation bar includes links for About, Token Info, Roadmap, Contact, Telegram, and Twitter, along with a 'Buy LindaCEO' button. The main content area features a large headline: 'Elon's Meme Mistress, **LindaCEO**, Gearing Up for a Galactic Moon Tango!'. Below this, it states 'Presale Soon On Pinksale (Fair Launch)' with a date and time: '14th May 2023 | 16:00 UTC'. A countdown timer shows 0 Days, 18 Hours, 8 Minutes, and 3 Seconds. At the bottom, there are buttons for Telegram and Twitter. On the right side of the page, there is a large image of a woman with long brown hair.

**LindaCEO**

About Token Info Roadmap Contact Telegram Twitter Buy LindaCEO

**Elon's Meme Mistress, LindaCEO, Gearing Up for a Galactic Moon Tango!**

Presale Soon On Pinksale (Fair Launch)

14th May 2023 | 16:00 UTC

0 Days 18 Hours 8 Minutes 3 Seconds

Telegram Twitter



<https://telegram.me/lindaceotoken>



<https://twitter.com/LindaCEOCoin>



<https://lindaceo.xyz/>

*It's always good to check the social profiles of the project, before making your investment.*

Team Expelee

# CONTRACT DETAILS

Token Name: LindaCEO

Symbol: LindaCEO

Network: Binance Smart Chain

Language: Solidity

Contract Address:

0x8F6577302c3DDe9003Dc1a731803A043D682CD61

Total Supply: 1,000,000,000

Contract SHA-256 Checksum:

5960059699347c4886be1ab710584f0eed18fc2a

Owner's Wallet:

0x3fd1B0f23B2Dc8dBC5fc3FBF0a66d6C72E08CaB4

Deployer's Wallet:

0x3fd1B0f23B2Dc8dBC5fc3FBF0a66d6C72E08CaB4

Testnet:

<https://testnet.bscscan.com/token/0x1Cc04ff13e44F1aD7fd40643437A2772B40429d0>

# OWNER PRIVILEGES

- Contract owner is not able to change sell/transfer fees (5% constant each, 0% buy tax)
- Contract owner is not able to blacklist an arbitrary wallet
- Contract owner is not able to set limit for buy/sell/transfer/holding amounts
- Contract owner is not able to mint new tokens
- Contract owner is not able to disable trades
- The contract uses a reflection mechanism for redistributing fees to holders
- The contract has a marketing wallet (0xFcB7A872578DD3026d00B7b8D635358E6C0E48Af) and a dead wallet (0x00dEaD)
- The contract has a swap and liquify function to convert tokens to BNB and send it to the marketing wallet
- Contract owner can update the marketing wallet address
- Contract owner can update the swap tokens threshold amount (between 100,000 and 10,000,000 tokens)
- Contract owner or marketing wallet can manually swap tokens for BNB and send the BNB to their address
- Contract owner or marketing wallet can rescue any BEP20 tokens accidentally sent to the contract
- Contract owner can exclude or include addresses from fees and rewards
- Contract owner can bulk exclude addresses from fees
- The contract uses the PancakeSwap router for swapping tokens for BNB
- The contract has a receive() function to accept BNB payments



# AUDIT METHODOLOGY

## Audit Details

Our comprehensive audit report provides a full overview of the audited system's architecture, smart contract codebase, and details on any vulnerabilities found within the system.

## Audit Goals

The audit goal is to ensure that the project is built to protect investors and users, preventing potentially catastrophic vulnerabilities after launch, that lead to scams and rugpulls.

## Code Quality

Our analysis includes both automatic tests and manual code analysis for the following aspects:

- Exploits
- Back-doors
- Vulnerability
- Accuracy
- Readability

## Tools

- DE
- Open Zeppelin
- Code Analyzer
- Solidity Code
- Compiler
- Hardhat



# VULNERABILITY CHECKS

Design Logic	Passed
Compiler warnings	Passed
Private user data leaks	Passed
Timestamps dependence	Passed
Integer overflow and underflow	Passed
Race conditions & reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front Running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed

# RISK CLASSIFICATION

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

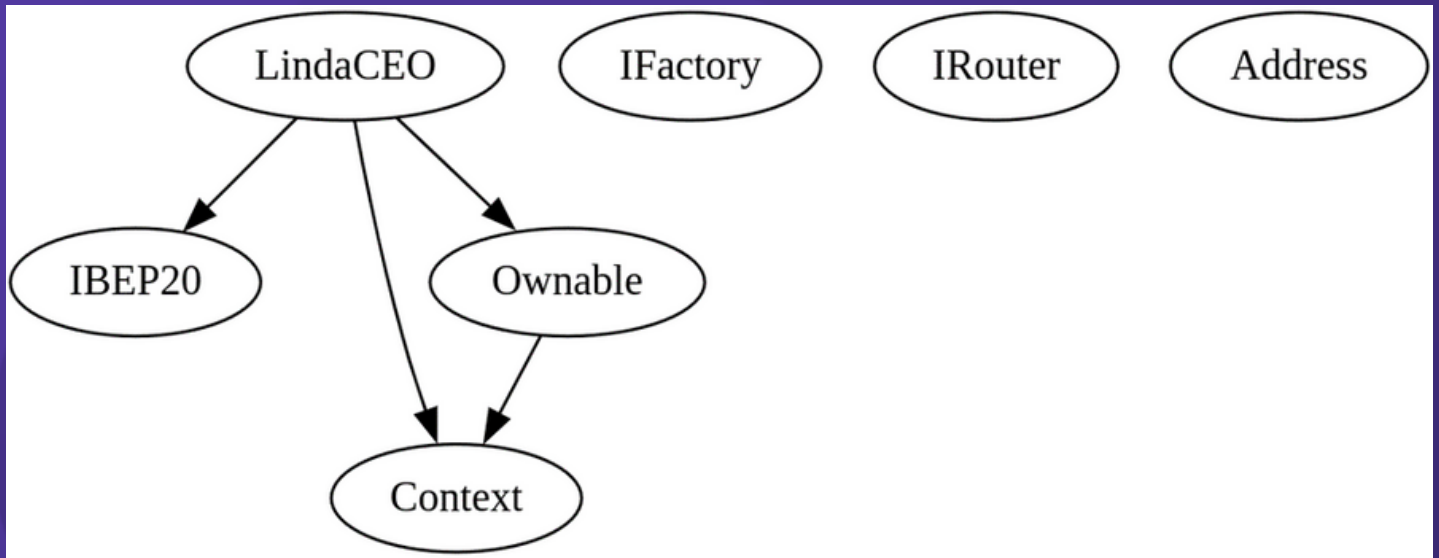
## Low Risk

Issues on this level are minor details and warnings that can remain unfixed.

## Informational

Issues on this level are minor details and warnings that can remain unfixed.

# INHERITANCE TREES



# FUNCTION DETAILS

```

Contract |      Type      |      Bases      |      |      |
:-----:|:-----:|:-----:|:-----:|:-----:|
| L | **Function Name** | **Visibility** | **Mutability** | **Modifiers** |
|||||
| **IBEP20** | Interface | |||
| L | totalSupply | External ! | | NO ! |
| L | balanceOf | External ! | | NO ! |
| L | transfer | External ! | ● | NO ! |
| L | allowance | External ! | | NO ! |
| L | approve | External ! | ● | NO ! |
| L | transferFrom | External ! | ● | NO ! |
|||||
| **Context** | Implementation | |||
| L | _msgSender | Internal 🔒 | | |
| L | _msgData | Internal 🔒 | | |
|||||
| **Ownable** | Implementation | Context |||
| L | <Constructor> | Public ! | ● | NO ! |
| L | owner | Public ! | | NO ! |
| L | renounceOwnership | Public ! | ● | onlyOwner |
| L | transferOwnership | Public ! | ● | onlyOwner |
| L | _setOwner | Private 🔒 | ● | |
|||||
| **IFactory** | Interface | |||
| L | createPair | External ! | ● | NO ! |
|||||
| **IRouter** | Interface | |||
| L | factory | External ! | | NO ! |
| L | WETH | External ! | | NO ! |
| L | addLiquidityETH | External ! | 🟢 | NO ! |
| L | swapExactTokensForETHSupportingFeeOnTransferTokens | External ! | ● | NO ! |
|||||
| **Address** | Library | |||
| L | sendValue | Internal 🔒 | ● | |
|||||
| **LindaCEO** | Implementation | Context, IBEP20, Ownable |||
| L | <Constructor> | Public ! | ● | NO ! |
| L | name | Public ! | | NO ! |
| L | symbol | Public ! | | NO ! |
| L | decimals | Public ! | | NO ! |
| L | totalSupply | Public ! | | NO ! |
| L | balanceOf | Public ! | | NO ! |
| L | allowance | Public ! | | NO ! |
| L | approve | Public ! | ● | NO ! |
| L | transferFrom | Public ! | ● | NO ! |
| L | increaseAllowance | Public ! | ● | NO ! |
| L | decreaseAllowance | Public ! | ● | NO ! |

```

# FUNCTION DETAILS

```

| L | transfer | Public ! | ● | NO ! |
| L | isExcludedFromReward | Public ! | | NO ! |
| L | reflectionFromToken | Public ! | | NO ! |
| L | tokenFromReflection | Public ! | | NO ! |
| L | excludeFromReward | Public ! | ● | onlyOwner |
| L | includeInReward | External ! | ● | onlyOwner |
| L | excludeFromFee | Public ! | ● | onlyOwner |
| L | includeInFee | Public ! | ● | onlyOwner |
| L | isExcludedFromFee | Public ! | | NO ! |
| L | _reflectRfi | Private 🔒 | ● | |
| L | _takeMarketing | Private 🔒 | ● | |
| L | _getValues | Private 🔒 | | |
| L | _getTValues | Private 🔒 | | |
| L | _getRValues | Private 🔒 | | |
| L | _getRate | Private 🔒 | | |
| L | _getCurrentSupply | Private 🔒 | | |
| L | _approve | Private 🔒 | ● | |
| L | _transfer | Private 🔒 | ● | |
| L | _tokenTransfer | Private 🔒 | ● | |
| L | swapAndLiquify | Private 🔒 | ● | lockTheSwap |
| L | swapTokensForBNB | Private 🔒 | ● | |
| L | bulkExcludeFee | External ! | ● | onlyOwner |
| L | updateMarketingWallet | External ! | ● | onlyOwner |
| L | updateSwapTokensAtAmount | External ! | ● | onlyOwner |
| L | manualSwap | Public ! | ● | NO ! |
| L | rescueBNB | External ! | ● | NO ! |
| L | rescueAnyBEP20Tokens | Public ! | ● | NO ! |
| L | <Receive Ether> | External ! | 🟢 | NO ! |
|||||
| **DexFactory** | Interface | |||
| L | createPair | External ! | ● | NO ! |
|||||
| **DexRouter** | Interface | |||
| L | factory | External ! | | NO ! |
| L | WETH | External ! | | NO ! |
| L | addLiquidityETH | External ! | 🟢 | NO ! |
| L | swapExactTokensForETHSupportingFeeOnTransferTokens | External ! | ● | NO ! |
|||||
| **SCB** | Implementation | ERC20, Ownable |||
| L | <Constructor> | Public ! | ● | ERC20 |
| L | enableTrading | External ! | ● | onlyOwner |
| L | setTreasuryWallet | External ! | ● | onlyOwner |
| L | setMaxBuy | External ! | ● | onlyOwner |
| L | setMaxSell | External ! | ● | onlyOwner |
| L | setMaxTx | External ! | ● | onlyOwner |
| L | setMaxWallet | External ! | ● | onlyOwner |

```



# FUNCTION DETAILS

```

| | setBuyTaxes | External | ! | ● | onlyOwner |
| | setSellTaxes | External | ! | ● | onlyOwner |
| | setSellCooldown | External | ! | ● | onlyOwner |
| | setDeadBlocks | External | ! | ● | onlyOwner |
| | setTransferFees | External | ! | ● | onlyOwner |
| | setSwapTokensAtAmount | External | ! | ● | onlyOwner |
| | toggleSellCooldown | External | ! | ● | onlyOwner |
| | toggleSwapping | External | ! | ● | onlyOwner |
| | setWhitelistStatus | External | ! | ● | onlyOwner |
| | checkWhitelist | External | ! | NO ! |
| | _takeTax | Internal | 🔒 | ● | |
| | _transfer | Internal | 🔒 | ● | |
| | internalSwap | Internal | 🔒 | ● | |
| | swapAndLiquify | Internal | 🔒 | ● | |
| | swapToETH | Internal | 🔒 | ● | |
| | addLiquidity | Private | 🔒 | ● | |
| | withdrawStuckETH | External | ! | ● | onlyOwner |
| | withdrawStuckTokens | External | ! | ● | onlyOwner |
| | <Receive Ether> | External | ! | 🟢 | NO ! |
|||||
| **ERC20** | Implementation | Context, IERC20, IERC20Metadata |||
| | <Constructor> | Public | ! | ● | NO ! |
| | name | Public | ! | NO ! |
| | symbol | Public | ! | NO ! |
| | decimals | Public | ! | NO ! |
| | totalSupply | Public | ! | NO ! |
| | balanceOf | Public | ! | NO ! |
| | transfer | Public | ! | ● | NO ! |
| | allowance | Public | ! | NO ! |
| | approve | Public | ! | ● | NO ! |
| | transferFrom | Public | ! | ● | NO ! |
| | increaseAllowance | Public | ! | ● | NO ! |
| | decreaseAllowance | Public | ! | ● | NO ! |
| | _transfer | Internal | 🔒 | ● | |
| | _mint | Internal | 🔒 | ● | |
| | _burn | Internal | 🔒 | ● | |
| | _approve | Internal | 🔒 | ● | |
| | _spendAllowance | Internal | 🔒 | ● | |
| | _beforeTokenTransfer | Internal | 🔒 | ● | |
| | _afterTokenTransfer | Internal | 🔒 | ● | |
|||||
| **IERC20** | Interface | |||
| | totalSupply | External | ! | NO ! |
| | balanceOf | External | ! | NO ! |
| | transfer | External | ! | ● | NO ! |
| | allowance | External | ! | NO ! |

```

# FUNCTION DETAILS

```

|  | approve | External  !  |  NO  !  | | |
|  | transferFrom | External  !  |  NO  !  |
|||||
|  | **IERC20Metadata** | Interface | IERC20 |||
|  | name | External  !  |  NO  !  |
|  | symbol | External  !  |  NO  !  |
|  | decimals | External  !  |  NO  !  |
|||||
|  | **Context** | Implementation | |||
|  | _msgSender | Internal  !  |  ||
|  | _msgData | Internal  !  |  ||
|||||
|  | **Ownable** | Implementation | Context |||
|  | <Constructor> | Public  !  |  NO  !  |
|  | owner | Public  !  |  NO  !  |
|  | _checkOwner | Internal  !  |  ||
|  | renounceOwnership | Public  !  |  onlyOwner |
|  | transferOwnership | Public  !  |  onlyOwner |
|  | _transferOwnership | Internal  !  |  ||
|||||
|  | **SafeMath** | Library | |||
|  | tryAdd | Internal  !  |  ||
|  | trySub | Internal  !  |  ||
|  | tryMul | Internal  !  |  ||
|  | tryDiv | Internal  !  |  ||
|  | tryMod | Internal  !  |  ||
|  | add | Internal  !  |  ||
|  | sub | Internal  !  |  ||
|  | mul | Internal  !  |  ||
|  | div | Internal  !  |  ||
|  | mod | Internal  !  |  ||
|  | sub | Internal  !  |  ||
|  | div | Internal  !  |  ||
|  | mod | Internal  !  |  ||

```

## Legend

Symbol	Meaning
! (red)	Function can modify state
! (green)	Function is payable



# MANUAL REVIEW

## Severity Criteria

Expelee assesses the severity of disclosed vulnerabilities according to methodology based on OWASP standards.

Vulnerabilities are dividend into three primary risk categroies:

High

Medium

Low

High-level considerations for vulnerabilities span the following key areas when conducting assessments:

- Malicious input handling
- Escalation of privileges
- Arithmetic
- Gas use

Overall Risk Severity				
Impact	HIGH	Medium	High	Critical
	MEDIUM	Low	Medium	High
	LOW	Note	Low	Medium
		LOW	MEDIUM	HIGH
	Likelihood			

# FINDINGS

Findings	Severity	Found
High Risk	● High	0
Medium Risk	● Medium	0
Low Risk	● Low	0
Suggestion & discussion	● Informational	0
Gas Optimizations	● Gas Opt.	0

# ABOUT EXPELEE

Expelee is a product-based aspirational Web3 start-up. Coping up with numerous solutions for blockchain security and constructing a Web3 ecosystem from deal making platform to developer hosting open platform, while also developing our own commercial and sustainable blockchain.

 [www.expelee.com](http://www.expelee.com)

 [expeleeofficial](https://twitter.com/expeleeofficial)

 [expelee](https://medium.com/expelee)

 [Expelee](https://t.me/Expelee)

 [expelee](https://in.linkedin.com/expelee)

 [expelee\\_official](https://www.instagram.com/expelee_official)

 [expelee-co](https://github.com/expelee-co)

# expelee

Building the Futuristic **Blockchain Ecosystem**

# DISCLAIMER

All the content provided in this document is for general information only and should not be used as financial advice or a reason to buy any investment. Team provides no guarantess against the sale of team tokens or the removal of liquidity by the project audited in this document.

Always do your own research and project yourselves from being scammed. The Expelee team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools.

Under no circumstances did Expelee receive a payment to manipulate those results or change the awarding badge that we will be adding in our website. Alway do your own research and protect yourselves from scams.

This document should not be presented as a reason to buy or not buy any particular token. The Expelee team disclaims any liability for the resulting losses.

The logo for Expelee, featuring the word "expelee" in a stylized font. The "ex" is in white, and "pelee" is in orange. The letters are bold and modern.

Building the Futuristic **Blockchain Ecosystem**