



# SMART CONTRACT SECURITY AUDIT

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WATCHTOWER

# DISCLAIMER

Watchtower has completed this report to provide a summary of the Smart Contract functions, and any security, dependency or cybersecurity vulnerabilities. This is often a constrained report on our discoveries based on our investigation and understanding of the current programming versions as at the date of this report. In order to understand the full scope of our analysis, it is vital for you to review the complete report. Although we have done our best in conducting our investigation and creating this report, it is vital to note that you should not depend on this report and cannot make any claim against Watchtower or its Subsidiaries and Team members on the premise of what has or has not been included in the report. Please remember to conduct your own independent examinations before making any investment choices. We do not provide investment advice or in any way claim to determine if the project will be successful or not.

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## ABOUT THE AUDITOR:

Watchtower is an Anti-Scam Token Utility which reviews Smart Contracts and Token information to Identify Rug Pull and Honey Pot scamming activity.

Watchtowers Development Team consists of a number of Smart Contract creators, Auditors Developers and Blockchain experts.

Watchtowers Website Scanner reviews a number of Risk factors to provide an adequate Risk summary of token projects.

In Addition to this the team also helps with Creation of Smart Contracts for legitimate projects, Audits and Promotion.





# OVERVIEW

**Watchtower was commissioned by EagleX to complete a Smart Contract audit.**

**The objective of the Audit is to achieve the following:**

- Review the Project and experience and Development team
- Ensure that the Smart Contract functions are necessary and operate as intended.
- Identify any vulnerabilities in the Smart Contract code.

**DISCLAIMER:** This Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or provide financial advice in any way, All investments are made at your own risk.

(<https://www.cryptowatchtower.io/>)



# SMART CONTRACT REVIEW



Contract Created on the 30th November 2021

Solidity compiler v0.6.12

Contract name	EagleX
Contract address	0x2042736e602582EA213e46c1392CDB802f63c172
Total supply	2,200,000,000
Token ticker	EAGLEX
Decimals	18
Token holders	1
Transactions count	1
Top 5 holders dominance	Not Launched
Tax fee	11%
Total fees	11% ~ BUY / 13% ~ SELL
Contract deployer address	0xb6AE496fe8aE0986d2Dc28FD645b5DAeb2651931
Contract's current owner address	0xb6AE496fe8aE0986d2Dc28FD645b5DAeb2651931



# Project Overview



## Project Details: (Website: <http://eaglex.app>)

The EagleX project is proposing to raise funds through a charity project that will go toward helping terminally ill children. They will look to fill charitable fundraisers on websites such as GoFundMe for people needing treatment overseas but don't have the funds to do so. They plan to do this transparently by providing the links to the donations made.

## Tokenomics:

Supply: 2,200,000,000 (2.2 Billion)

### 11% Tax for Buys and 13% for Sells comprising of:

- Charity Fee: BUY 5% / Charity Fee: SELL 6%
- Liquidity Fee: BUY 2% / Liquidity Fee: SELL 2%
- Marketing Fee: BUY 4% / Marketing Fee: SELL 5%

## Team Review:

Watchtower reviewed a number of factors including the teams background and Cryptocurrency experience, social media interaction and availability, project momentum, token risks and community trust score.

The EagleX team have a good understanding of Cryptocurrency.

Their website is professionally built and the team are proposing to build a charity token to help terminally ill children.

## TEAM DOXXED/KYC:

Watchtower is not aware of the team being doxxed nor have they been privately doxxed to Watchtower.



# CONTRACT FUNCTIONS DETAILS

## Functions (Public)

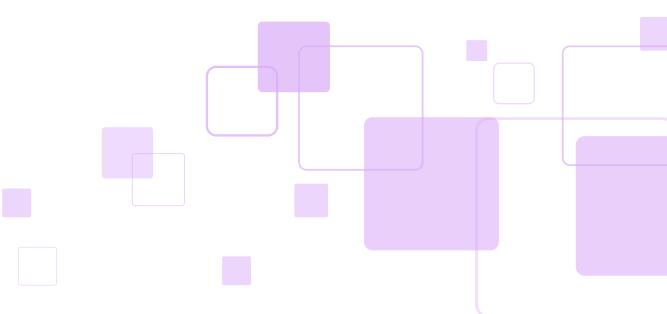
This contract has 15 available public functions which the owner can call.  
They can be viewed on BSC Scan.

### LINK:

<https://bscscan.com/address/0x2042736e602582EA213e46c1392CDB802f63c172#writeContract>

### Function risks:

-No scam functions identified.



# Contract Stress Test

## Imported Libraries / Interfaces

- IERC20
- IERC20Metadata
- ERC20
- SafeMathUint
- SafeMathInt
- SafeMath
- Context
- Ownable
- IUniswapV2Factory
- IUniswapV2Router01
- IUniswapV2Router02

## Overview

1. ADDITION OF COMMENTS:	6
2. CALL STACK DEPTH ATTACK:	10
3. TIME STAMP DEPENDENCY:	10
4. PARTY MULTISIG BUG:	10
5. USE OF LIBRARIES/DEPENDENCIES (FROM TRUSTED SOURCES):	9
a. TRANSACTION-ORDERING DEPENDENCY:	10
6. ACCESS CONTROL AND AUTHORIZATION:	10
7. REENTRANCY ATTACKS:	10
8. ERC/BEP STANDARD VIOLATIONS:	10
9. USAGE OF VISIBILITY LEVELS:	10



# ISSUES CHECKING STATUS



Issue description	Checking status
1. Compiler errors.	Passed
2. Race conditions and Reentrancy. Cross-function race conditions.	Passed
3. Possible delays in data delivery.	Passed
4. Oracle calls.	Passed
5. Front running.	Passed
6. Timestamp dependence.	Passed
7. Integer Overflow and Underflow.	Passed
8. DoS with Revert.	Passed
9. DoS with block gas limit.	Passed
10. Methods execution permissions.	Passed



Issue description	Checking status
11. Economy model of the contract.	Passed
12. The impact of the exchange rate on the logic.	Passed
13. Private user data leaks.	Passed
14. Malicious Event log.	Passed
15. Scoping and Declarations.	Passed
16. Uninitialized storage pointers.	Passed
17. Arithmetic accuracy.	Passed
18. Design Logic.	Passed
19. Cross-function race conditions.	Passed
20. Safe Open Zeppelin contracts implementation and usage.	Passed
21. Fallback function security.	Passed



# SECURITY ISSUES



## High Severity Issues

Nil



## Medium Severity Issues

Nil



## Low Severity Issues

Nil



# CONCLUSION

**Watchtower reviewed the EagleX deployed and verified contract to conduct this audit.**

**Watchtower is satisfied that the contract is void of any malicious coding and that the team are operating with integrity. The developers also removed the functions which caused Centralisation risk from initial contract that was deployed showing good integrity.**

## ***Watchtower Disclaimer:***

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*(<https://www.cryptowatchtower.io/>)*

## **Contact Us**

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