PEX Audit

Defi Trading Club

May 7th 2023

AUDIT

Audit Details

Defi Trading Club

Auditor's - PapaExchange

Website - www.defitradingclub.com

Blockchain - Binance Smart Chain

Disclaimer

PapaExchange LLP will be referred to as PEX per this report

- **PEX** audits and reports should not be considered as a form of project's "advertisement" and does not cover any interaction and assessment from "project's contract" to "external contracts" such as Pancakeswap or similar.
- **PEX** does not provide any warranty on its released reports. We should not be used as a decision to invest into an audited project please do your own research. **PEX** provides transparent reports to all its "clients" and to its "clients participants" and will not claim any guarantee of bug-free code within its Smart Contract.
- Each company or project shall be liable for its own security flaws and functionalities. **PEX** presence is to analyze, audit and assess the client's smart contract's code.

Scope of Work

- The main focus of this report/audit, is to document an accurate assessment of the condition of the smart contract and whether it has any security flaws in the implementation of the contract.
  Defi Trading Club team agreed and provided us with the files that needed to be tested (Through Github, BscScan, files, etc.). **PEX** will be focusing on contract issues and functionalities along with the projects claims from smart contract to their website, whitepaper and repository where available, which has been provided by the project.
  Code is reviewed manually and with the use of software using industry best practices.

Background

- **PEX** was commissioned by **Defi Trading Club** to perform an audit of smart contract:

  • Contract Address
  0x7cB71D70FcAF9e2206916CBB0a18b33792C817bf

  The purpose of the audit was to achieve the following:
  • **Ensure that the smart contract functions as intended.**
  • **Identify potential security issues with the smart contract.**
  The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified.

Defi Trading Club

Defi Trading Clubs mission is to bring like minded investment enthusiasts together for the purpose of creating something bigger than we could as individuals – a perpetual growth investment fund. By pooling our knowledge, experience, money, ideas and decisions we can share in rewards and limit individual risk through broad investment diversity. As a well-intentioned club we can push the technological limits, through innovative development, right at a time when the world appears to be on the cusp of monumental shifts in monetary policy.

Social Media

Telegram - https://t.me/DefiTradingClub

Discord - https://discord.gg/HBjXQnT8GM

Twitter - https://twitter.com/DefiTradingClub

Contract Details

Project Name - Defi Trading Club

Token Description - Utility Token

Compiler Version - v0.8.19

Current Holders - 1 Address

Current Transaction Count - 1

Total Supply - 21,000,001 Tokens

Token Ticker - DTC

Decimals - 9

Top 100 Holder % - 100%

LP Lock - Liquidity not added yet

Contract Address

0x7cB71D70FcAF9e2206916CBB0a18b33792C817bf

Contract Deployer Address

0xdbcf7fccd86d57af21ba29902a9feb22ed220f17

Contract Owner Address

0xcaa339cbd94e50aebce468b7eaa2eb857758eda3

KYCd by - N/A

Launch Type - N/A

Owner Privileges/Fees

Privileges

Ownership had NOT BEEN renounced. The owner has privileges and has authority to make some changes now. Owner entitled to **change Buy/Sell fees, set true or false values and exclude from fees, there is a blacklist function which lasts for 1 hour after trading enabled**.

Fees

Buy - 3% Sell - 4%

Owner must keep fees at 10% or lower. This is below our recommended percentage of 25%.

PEX AUDIT

Adjustable Functions

(After Contract Deployment)

1. Contract_SetUp_01__Presale_Address
2. Contract_SetUp_02__Fees_on_Buy
3. Contract_SetUp_03__Fees_on_Sell
4. Contract_SetUp_04__Wallet_Limits
5. Contract_SetUp_05__Bot_Protection
6. Contract_SetUp_06__Open_Trade
7. Contract_SetUp_07__Blacklist_Bots
8. Contract_SetUp_08__Deactivate_Launch_Mode
9. Contract_SetUp_09__Update_Wallets
10. Contract_SetUp_10__Update_Links
11. Contract__Options__Burn_From_Supply
12. Contract__Options__Free_Wallet_Transfers
13. Maintenance__Add_Liquidity_Pair
14. Maintenance__Ownership_RENOUNCE*
15. Maintenance__Ownership_TRANSFER
16. Maintenance__Remove_Contract_Fee
17. Processing__Auto_Process
18. Processing__Process_Now
19. Processing__Remove_Random_Tokens
20. Processing__Swap_Trigger_Count
21. Wallet_Settings__Exclude_From_Fees
22. Wallet_Settings__Exempt_From_Limits
23. Wallet_Settings__Pre_Launch_Access
24. Wallet_Settings__Remove_Early_Buyer_Tag
25. approve
26. decreaseAllowance
27. increaseAllowance
28. transfer
29. transferFrom

Weakness/Vulnerabilities

SCAN RESULTS

SWC-129 —> Unencrypted Private Data On-Chain = PASSED

SWC-130 —> Code With No Effect = PASSED

SWC-131 —> Message Call with Hardcoded Gas Amount = PASSED

SWC-132 —> Hash Collisions with Multiple Variable Length Arguments = PASSED

SWC-133 —> Unexpected Ether Balance = PASSED

SWC-134 —> Presence of Unused Variables = PASSED

SWC-135 —> Righ-to-Left Override Control Character {U+202E} = PASSED

SWC-136 —> Typographical Error = PASSED

Weakness/Vulnerabilities

CONTINUED

SWC-119 —> Shadowing State Variables = PASSED

SWC=120 —> Weak Source of Randomness From Chain Attributes = PASSED

SWC-121 —> Missing Protection Against Signature Replay Attacks = PASSED

SWC-122 —> Lack of Proper Signature Verification = PASSED

SWC-123 —> Requirement Violation = PASSED

SWC-124 —> Write to Arbitrary Storage Location = PASSED

SWC-125 —> Incorrect Inheritance Order = PASSED

SWC-126 —> Insufficient Gas Griefing = PASSED

Weakness/Vulnerabilities

CONTINUED

SWC-127 —> Arbitrary Jump with Function Type Variable = PASSED

SWC=128 —> DoS with Block Gas Limit = PASSED

SWC-113 —> DoS with Failed Call = PASSED

SWC-114 —> Transaction Order Dependence = PASSED

SWC-115 —> Authorization Through Tx. Origin = PASSED

SWC-116 —> Block Values as a Value for Time = PASSED

SWC-117 —> Signature Malleability = PASSED

SWC-118 —> Incorrect Constructor Name = PASSED

Weakness/Vulnerabilities

CONTINUED

SWC-105 —> Unprotected Ether Withdrawal = PASSED

SWC=106 —> Unprotected SELF DESTRUCT Instruction = PASSED

SWC-107 —> Reentrancy = PASSED

SWC-108 —> State Variable Default Visibility = PASSED

SWC-109 —> Uninitialized Storage Pointer = PASSED

SWC-110 —> Assert Violation = PASSED

SWC-111 —> Use of Deprecated Solidity Functions = PASSED

SWC-112 —> Delegate Call to Untrusted Callee = PASSED

Weakness/Vulnerabilities

SWC-101 —> **Integer Overflow and Underflow = PASSED**

SWC=102 —> **Outdated Compiler Version = PASSED**

SWC-103 —> **Floating Pragma = PASSED**

SWC-104 —> **Unlocked Call Return Value = PASSED**

Low issue = Low-level weakness/vulnerabilities are mostly related to outdated, unused etc. code snippets, that can't have significant impact on execution.

SOLHINT LINTER, Solidity Static Analysis using REMIX IDE **did not find** any serious issues.

Overall Assessment

Satisfactory

The **Defi Trading Club** has successfully passed the Pex Audit

Closing Notes

Whilst there are limitless ownable callable functions that have the potential to be dangerous, they are not overtly so. Trust in the team would mitigate many of these risks. Please make sure you do your own research. If in doubt please contact the project team.

Always make sure to inspect **all values and variables.**

This includes, but is not limited to: • Ownership • Proper Ownership Renouncement (if any) • Taxes • Transaction/Wallet Limits • Token Distributions • Timelocks • Liquidity Locks • Any other owner-adjustable settings or variables.