

# PEX Audit

## Freedom Depoyment Strategy Token



March 29th 2023

# **Audit Details**

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## **Freedom Deployment Strategy Token**

**Auditor's** - Papa Exchange 

**Website** - <https://tfdstoken.com>



**Blockchain** - Binance Smart Chain



**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. **FDST** 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 **FDST** to perform an audit of smart contract:
  - Contract Address  
**0x1DBfB74BdE33A0d8343DB853aa05a9aAf1588374**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.

# Freedom Deployment Strategy Token

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**Freedom Deployment Strategy Tokens** mission is to empower entrepreneurs to enter the world of crypto and build their own wealth through education and access to our innovative utility.

## Social Media

**Twitter** - <https://twitter.com/tfdstoken>

**Telegram** - <https://t.me/tfdstoken>



# Contract Details

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**Project Name** - Freedom Deployment Strategy Token

**Token Description** - Utility Token

**Contract Address**

**Compiler Version** - v0.8.19

0x1DBfB74BdE33A0d8343DB853aa05a9aAf1588374

**Current Holders** - 1 Addresses

**Contract Deployer Address**

**Current Transaction Count** - 1 Transfer

0x627C95B6fD9026E00Ab2c373FB08CC47E02629a0

**Total Supply** - 100,000,000,000 Tokens

**Token Ticker** - FDST

**Contract Owner Address**

**Decimals** - 18

0xa1a2d3113024d41504b00b93d81341b7181a845c

**Top 100 Holder %** - Pre Launch - N/A

**KYCd by** - No KYC

**LP Lock** - No LP Lock in place at this time

**Launch Type** - ICO

# Top 100 Holders

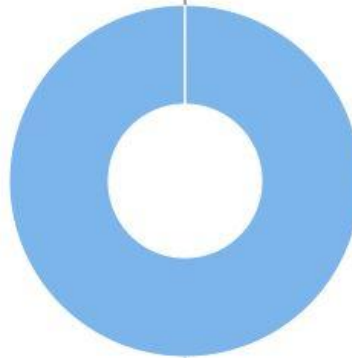
**Pre-Launch - Contract Owner holds 100% of Tokens**

Freedom Deployment Strategy Token Top 100 Token Holders

Source: BscScan.com



OTHER ACCOUNTS



0xa1a2d3113024d41504b00b93d81341b7181a845c

**A total of 100,000,000,000 tokens held by the top 100 wallets from the total 100 Billion token supply**



# Big X LP TokenHolders

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There are no LP Holders at this time



# Owner Privileges/Fees

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## Privileges

Ownership has **NOT** been renounced. The owner has privileges and has authority to make some changes now. Owner entitled to **change Buy/Sell fees, and can exclude wallets from rewards.**

## Fees

**Buy - 0% Sell - 0%**

Owner must keep fees at 9% or lower. This is greatly below our recommended percentage of 20%.



# Adjustable Functions

(After Contract Deployment)

1. Presale Address
2. Fees on Buy
3. Fees on Sell
4. Wallet Limits
5. Open Trade
6. Update Project Links
7. Exclude From Fees
8. Add Liquidity Pair
9. Renounce Ownership
10. Transfer Ownership
11. No Fee Wallet Transfers
12. Auto Process
13. Process Now
14. Remove Random Tokens
15. Swap Trigger Count
16. Exclude Wallet
17. Include Wallet
18. Exclude from Fees
19. Exempt from Limits
20. Prelaunch Access
21. Approve
22. Decrease Allowance
23. Increase Allowance
24. Transfer
25. Transfer From

# 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 —> Right-to-Left Override Control Character {U+202E} = **PASSED**

SWC-136 —> Typographical Error = **PASSED**

# Weakness/Vulnerabilities

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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

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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

MythX passing

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

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## Satisfactory

The Freedom Deployment Strategy Token  
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.