PapaExchange

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Papa Exchange Audit for

DipDetectorBot

Audit Details

DipDetectorBot

Blockckain - Binance Smart Chain

Website - dipdetectorbot.tech

Auditor's - PapaExchange

Date Issued

Dec. 2nd 2022

DISCLAIMER

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PapaExchange LLP presence is to analyze, audit and assess the client's smart contract's code.
Each company or project shall be liable for its own security flaws and functionalities.

Scope of Work & Background

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. DipDetectorBot team agreed and provided us with the files that needed to be tested (Through Github, Bscscan, files, etc.). PapaExchange 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

PapaExchange was commissioned by DipDetectorBot to perform an audit of smart contract:
● Contract Address 0xbBa364c593CdEd7c3414cf91DCAbB6Dbc8EC5AF3
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.

Developers Token Description

The DipDetectorBot Token is the utility token of the DipDetectorBot project. You will need to hold DIP to use the Bot.

Social Media Links

Twitter: N/A

Telegram: https://dipdetectorbot.tech/#

Facebook: N/A

Discord: https://discord.gg/5BpqPrRE8X

Contracts details

(DIP Contract details for Dec. 2nd, 2022)

Contract/Project name: DipDetectorBot

Description: Utility Token

Compiler version: 0.8.15

Contract address: 0xbba364c593cded7c3414cf91dcabb6dbc8ec5af3

Total supply: 100,000,000

Token ticker: DIP

Decimals: 18

Token holders at time of report: 5

Transaction count at time of report: 6

Top 100 holders dominance: 100%

Contract deployer address: 0x314BfEbC283d6d79dD535D8A023705f0551A5C85
Contract's current owner address: 0x314BfEbC283d6d79dD535D8A023705f0551A5C85

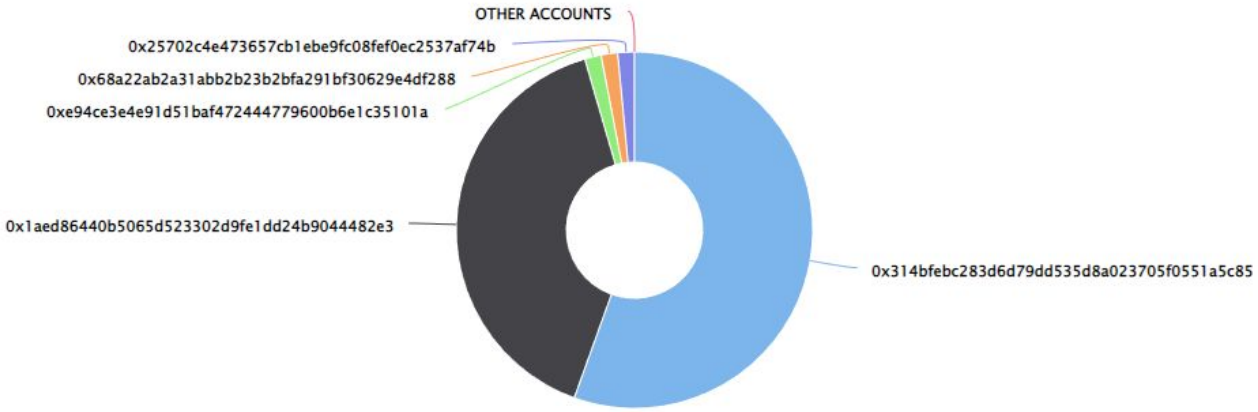
LP Lock: GemPad (not yet locked but will be 3 months)

KYC done by FUDDOX (Devs KYC through previous projects)

Launch Type Stealth

DipDetectorBot Top 100 Token Holders

Source: BscScan.com



(A total of 100,000,000.00 tokens held by the top 100 accounts from the total supply of 100,000,000.00 token)

DIP LP TOKEN HOLDER

1. N/A (Liquidity Pool not yet created)

Owner Contract write functions details

Owner privileges:

Ownership has NOT been renounced. The owner has privileges and has authority to make some changes now.

Current Fees: • Buy: 8% • Sell: 8% • Owner must keep fees at 20% or lower

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All Write Functions of Contract that can be adjusted after the contract is deployed.

1. approve
2. decreaseAllowance
3. deliver
4. excludeFromReward
5. includeInReward
6. increaseAllowance
7. renounceOwnership
8. setExcludedFromAutoLiquidity
9. setExcludedFromFee
10. setLiquidityFeePercent
11. setMarketingWallet
12. setMaxWalletTokens
13. setMinimumTokenBalance
14. setPercentageOfLiquidityFor Marketing
15. setSwapAndLiquifyEnabled
16. setTaxFeePercent
17. setUniswapPair
18. setUniswapPair
19. transfer
20. transferFrom
21. transferOwnership

SWC Registry: Smart Contract Weakness/Vulnerabilities

SWC-136	Unencrypted Private Data On-Chain	PASSED
SWC-135	Code With No Effects	PASSED
SWC-134	Message call with hardcoded gas amount	PASSED
SWC-133	Hash Collisions with Multiple Variable Length Arguments	PASSED
SWC-132	Unexpected Ether balance	PASSED
SWC-131	Presence of unused variables	PASSED
SWC-130	Right-To-Left-Override control character (U+202E)	PASSED
SWC-129	Typographical Error	PASSED

SWC-128	DoS With Block Gas Limit	PASSED
SWC-127	Arbitrary Jump with Function Type Variable	PASSED
SWC-126	Insufficient Gas Griefing	PASSED
SWC-125	Incorrect Inheritance Order	PASSED
SWC-124	Write to Arbitrary Storage Location	PASSED
SWC-123	Requirement Violation	PASSED
SWC-122	Lack of Proper Signature Verification	PASSED
SWC-119	Shadowing State Variables	PASSED

SWC-118	Incorrect Constructor Name	PASSED
SWC-120	Weak Sources of Randomness from Chain Attributes	PASSED
SWC-117	Signature Malleability	PASSED
SWC-116	Block values as a proxy for time	PASSED
SWC-115	Authorization through tx.origin	PASSED
SWC-114	Transaction Order Dependence	PASSED
SWC-121	Missing Protection against Signature Replay Attacks	PASSED
SWC-113	DoS with Failed Call	PASSED

SWC-112	Delegatecall to Untrusted Callee	PASSED
SWC-111	Use of Deprecated Solidity Functions	PASSED
SWC-110	Assert Violation	PASSED
SWC-109	Uninitialized Storage Pointer	PASSED
SWC-108	State Variable Default Visibility	LOW ISSUE
SWC-107	Reentrancy	PASSED
SWC-106	Unprotected SELFDESTRUCT Instruction	PASSED
SWC-105	Unprotected Ether Withdrawal	PASSED

SWC-104	Unchecked Call Return Value	PASSED
SWC-103	Floating Pragma	LOW ISSUE
SWC-102	Outdated Compiler Version	PASSED
SWC-101	Integer Overflow and Underflow	PASSED

Issue Checking

Manual code review is satisfactory.

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.

OVERALL ASSESSMENT

SATISFACTORY