PapaExchange

Not just a bunch of Dads

PapaExchange Audit for

UXOS

Audit Details

UXOS

Blockckain - Binance Smart Chain

Website - uxos-ai.com

Auditor's - PapaExchange

Date Issued

13th January 2023

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.
UXOS 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 UXOS to perform an audit of smart contract:
● Contract Address 0x183F12bcF0938DA9ca773f549f71dDAa89665b23
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

BSC's first fully automated AI marketing token. A large utility token including TG bots, TikTok bots & Twitter bots. AI never sleeps, and neither does our shilling capabilities. App in development to create services that will feed $UXOS token.

Social Media Links

Twitter: UXOS AI

Telegram: uxostoken

Facebook: N/A

Discord: N/A

Contracts details

(DIP Contract details for 11th January, 2023)

Contract/Project name: UXOS

Description: Utility Token

Compiler version: 0.7.6

Contract address: 0x183F12bcF0938DA9ca773f549f71dDAa89665b23

Total supply: 1,000,000,000

Token ticker: UXOS

Decimals: 9

Token holders at time of report: 335

Transaction count at time of report: 5261

Top 100 holders dominance: 97%

Contract deployer address: 0x49B2a91Ba43F59710b74a2c4C941c55C23776Fcd
Contract's current owner address: 0x49B2a91Ba43F59710b74a2c4C941c55C23776Fcd

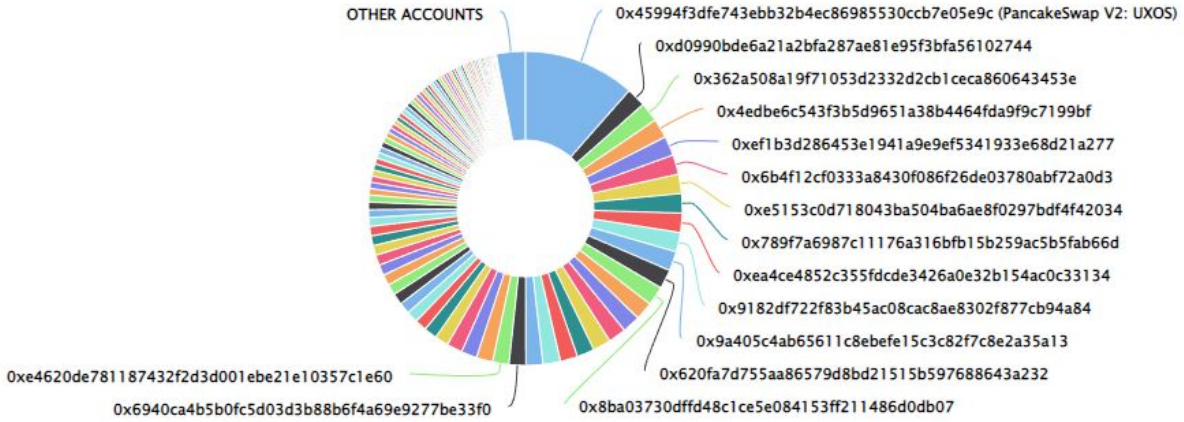
LP Lock: Mudra (2 months)

KYC done by FUDDOX

Launch Type Stealth

UXOS Top 100 Token Holders

Source: BscScan.com



(A total of 970,017,307.84 tokens held by the top 100 accounts from the total supply of 1,000,000,000.00 token)

DIP LP TOKEN HOLDER

1. 0xae7e6cabad8d80f0b4e1c4dde2a5db7201ef1252 79.91% Mudra
2. 0x49b2a91ba43f59710b74a2c4c941c55c23776fcd 20.01%
3. 0x0ed943ce24baebf257488771759f9bf482c39706 0.08%

Owner Contract write functions details

Owner privileges:

Ownership has NOT been renounced. The owner has privileges and has authority to make some changes now. Owner entitled to set a special address, blacklist, and suspend trading.

Current Fees: • Buy: 10% • Sell: 11.43% • Owner must keep fees at 33% or lower. This is slightly above our recommended percentage of 25%.

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

1. approve
2. approveMax
3. authorize
4. clearStuckBalance
5. clearStuckBalance_sender
6. cooldownEnabled
7. enable_blacklist
8. manage_blacklist
9. manage_blacklist_and_dividend_
10. manage_burn_exempt
11. multiTransfer
12. multiTransfer_fixed
13. setBurnTo
14. setBuyBurnFee
15. setBuyTax
16. setDistributionCriteria
17. setDistributionSettings
18. setFeeRecievers
19. setIsDividendExempt
20. setIsFeeExempt
21. setIsTimeclockExempt
22. setIsTxLimitExempt
23. setMarketingWallet
24. setMaxTxPercent_base1000
25. setMaxTxPercent_base1000
26. setSwapBackSettings
27. setSwapBurnFee
28. setSwapFees
29. setTargetLiquidity
30. setTreasuryFeeReciever
31. setTxLimit
32. tradingStatus
33. transfer
34. transferFrom
35. transferOwnership
36. unauthorize

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

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.

Issue Checking

Manual code review is satisfactory.
Team reported some missing code
which flags on some online scanners,
we do not believe this to be an issue.

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