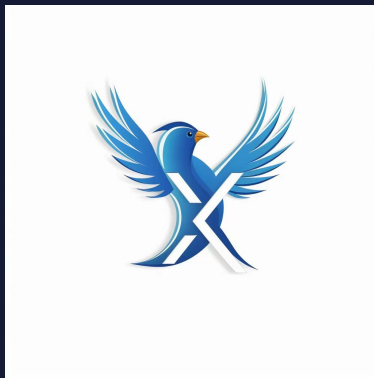


KISHIELD

Security Audit

XTwitter Token

June 20, 2023



Contract Audited



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Audit Summary

This report has been prepared for XTwitter Token on the BSC network. KISHIELD provides both client-centered and user-centered examination of the smart contracts and their current status when applicable. This report represents the security assessment made to find issues and vulnerabilities on the source code along with the current liquidity and token holder statistics of the protocol.

A comprehensive examination has been performed, utilizing Cross Referencing, Static Analysis, In-House Security Tools, and line-by-line Manual Review.

The auditing process pays special attention to the following considerations:

- Ensuring contract logic meets the specifications and intentions of the client without exposing the user's funds to risk.
- Testing the smart contracts against both common and uncommon attack vectors.
- Inspecting liquidity and holders statistics to inform the current status to both users and client when applicable.
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Verifying contract functions that allow trusted and/or untrusted actors to mint, lock, pause, and transfer assets.
- Thorough line-by-line manual review of the entire codebase by industry experts.

Project Overview

Token Summary

Parameter	Result
Address	0x6dEA9d7417ECA8Ad558a48E4a6b05aA779DFfeEe
Name	XTwitter
Token Tracker	XTwitter (X/Twitter)
Decimals	9
Supply	1,000,000,000,000
Platform	BSC
compiler	v0.8.19+commit.7dd6d404
Optimization	Yes with 200 runs
LicenseType	MIT
Language	Solidity
Codebase	https://bscscan.com/address/0x6dEA9d7417ECA8Ad558a48E4a6b05aA779DFfeEe#code
Url	https://x-twitter.online

Main Contract Assessed

Name	Contract	Live
XTwitter	0x6dEA9d7417ECA8Ad558a48E4a6b05aA779DFfeEe	Yes

Smart Contract Vulnerability Checks

Vulnerability	Automatic Scan	Manual Scan	Result
Unencrypted Private Data On-Chain	Complete	Complete	✓ Low / No Risk
Code With No Effects	Complete	Complete	✓ Low / No Risk
Message call with hardcoded gas amount	Complete	Complete	✓ Low / No Risk
Hash Collisions With Multiple Variable Length Arguments	Complete	Complete	✓ Low / No Risk
Unexpected Ether balance	Complete	Complete	✓ Low / No Risk
Presence of unused variables	Complete	Complete	● Low
Right-To-Left-Override control character (U+202E)	Complete	Complete	✓ Low / No Risk
Typographical Error	Complete	Complete	✓ Low / No Risk
DoS With Block Gas Limit	Complete	Complete	✓ Low / No Risk
Arbitrary Jump with Function Type Variable	Complete	Complete	✓ Low / No Risk
Insufficient Gas Griefing	Complete	Complete	✓ Low / No Risk
Incorrect Inheritance Order	Complete	Complete	✓ Low / No Risk
Write to Arbitrary Storage Location	Complete	Complete	✓ Low / No Risk
Requirement Violation	Complete	Complete	✓ Low / No Risk
Missing Protection against Signature Replay Attacks	Complete	Complete	✓ Low / No Risk
Weak Sources of Randomness from Chain Attributes	Complete	Complete	✓ Low / No Risk

Vulnerability	Automatic Scan	Manual Scan	Result
Authorization through tx.origin	Complete	Complete	✓ Low / No Risk
Delegatecall to Untrusted Callee	Complete	Complete	✓ Low / No Risk
Use of Deprecated Solidity Functions	Complete	Complete	✓ Low / No Risk
Assert Violation	Complete	Complete	✓ Low / No Risk
Reentrancy	Complete	Complete	✓ Low / No Risk
Unprotected SELFDESTRUCT Instruction	Complete	Complete	✓ Low / No Risk
Unprotected Ether Withdrawal	Complete	Complete	✓ Low / No Risk
Unchecked Call Return Value	Complete	Complete	✓ Low / No Risk
Outdated Compiler Version	Complete	Complete	✓ Low / No Risk
Integer Overflow and Underflow	Complete	Complete	✓ Low / No Risk
Function Default Visibility	Complete	Complete	✓ Low / No Risk

Contract Ownership

The contract ownership of XTwitter is not currently renounced. The ownership of the contract grants special powers to the protocol creators, making them the sole addresses that can call sensible ownable functions that may alter the state of the protocol.

The current owner is the address 0x9951708527E2E028Ab18951e42Aee8395bF5f830 which can be viewed from: [HERE](#)

The owner wallet has the power to call the functions displayed on the privileged functions chart below, if the owner wallet is compromised this privileges could be exploited.

We recommend the team to renounce ownership at the right timing if possible, or gradually migrate to a timelock with governing functionalities in respect of transparency and safety considerations.

Important Notes To The Users:

- The owner cannot mint tokens after initial deployment.
- The owner cannot stop trading after it is enabled.
- The owner cannot blacklist addresses.
- There are no fees for regular transfers.
- The owner cannot change the fees amount.
- Addreses excluded from fees can trade before trading is enabled.
- After trading is enabled for a period of 5 blocks the buy and sell fees are set to 25%.
- Once the owner renounces ownership of the contract, none of the following are applicable.
- The owner needs to enable trading.
- The owner can change the marketing wallet.
- The owner can include/exclude addresses from fees.
- The owner can withdraw tokens and BNB from the contract.
- No high-risk Exploits/Vulnerabilities Were Found in token Source Code.

Read carefully the notes section and make your own decision before interacting with the audited contract.

Audit Passed



Technical Findings Summary

Classification of Issues

*All Issues Found are Informational

Severity	Description
● High	Exploits, vulnerabilities or errors that will certainly or probabilistically lead towards loss of funds, control, or impairment of the contract and its functions. Issues under this classification are recommended to be fixed with utmost urgency
● Medium	Bugs or issues with that may be subject to exploit, though their impact is somewhat limited. Issues under this classification are recommended to be fixed as soon as possible.
● Low	Effects are minimal in isolation and do not pose a significant danger to the project or its users. Issues under this classification are recommended to be fixed nonetheless.
● Info	Consistency, syntax or style best practices. Generally pose a negligible level of risk, if any.

Findings

Severity	Found
● High	0
● Medium	0
● Low	0
● Info	3
Total	3

Findings

Variables could be declared as constant

ID	Severity	Contract	Details
01	Informational	XTwitter	Variables DEAD, pinkLock, swapEnabled

Description

Gas Optimization. Variables that are never changed could be declared as constant.

Recommendation

We recommend declaring those variables as constant.

Public function that could be declared external

ID	Severity	Contract	Details
02	Informational	XTwitter	Functions: isExcludedFromFees, renounceOwnership

Description

Gas Optimization. Public function that could be declared external

Recommendation

Public functions that are never called by the contract should be declared external to save gas.

Uninitialized local variables

ID	Severity	Contract	Details
03	● Informational	XTwitter	XTwitter.constructor

Description

Variable router

Recommendation

Initialize all the variables. If a variable is meant to be initialized to zero, explicitly set it to zero to improve code readability.

Privileged Functions (onlyOwner & Others)

Function Name	Parameters	Visibility
renounceOwnership	none	public
transferOwnership	address newOwner	public
claimStuckTokens	address token	external
excludeFromFees	address account, bool excluded	external
changeMarketingWallet	address _marketingWallet	external
enableTrading	none	external

Statistics

Liquidity Info

Parameter	Result
Pair Address	0x0f704D57533e9Df4d829ECdA8884E2c36B7aD92A
X/Twitter Reserves	0.00 X/Twitter
BNB Reserves	0.00 BNB
Liquidity Value	\$0 USD

Token (X/Twitter) Holders Info

Parameter	Result
X/Twitter Percentage Burnt	0.00%
X/Twitter Amount Burnt	0 X/Twitter
Top 10 Percentage Own	100.00%
Top 10 Amount Owned	1,000,000,000,000 X/Twitter
Top 10 Aprox Value	\$NaN USD

LP (X/Twitter/BNB) Holders Info

Parameter	Result
X/Twitter/BNB % Burnt	0.00%
X/Twitter/BNB Amount Burnt	0 X/Twitter/BNB
Top 10 Percentage Owned	0.00%
Top 10 Amount Owned	0 X/Twitter/BNB
Locked Tokens Percentage	0.00%
Locked Tokens Amount	0 X/Twitter/BNB

* All the data displayed above was taken on-chain at block 29268943

* The tokens on industry-standard burn wallets are not included on the top 10 wallets calculations

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Disclaimer

KISHIELD has conducted an independent audit to verify the integrity of and highlight any vulnerabilities or errors, intentional or unintentional, that may be present in the codes that were provided for the scope of this audit. This audit report does not constitute agreement, acceptance or advocacy for the Project that was audited, and users relying on this audit report should not consider this as having any merit for financial advice in any shape, form or nature. The contracts audited do not account for any economic developments that may be pursued by the Project in question, and that the veracity of the findings thus presented in this report relate solely to the proficiency, competence, aptitude and discretion of our independent auditors, who make no guarantees nor assurance that the contracts are completely free of exploits, bugs, vulnerabilities or deprecation of technologies.

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