OXSCANS

AI Generated at 02:07 AM, UTC

March 09, 2024

OVERVIEW

This audit has been perpared for '' to review the main aspects of the project to help investors make an informative decision during their research process

You will find a summarized review of the following key points:

- Contract's source code
- Owner wallets
- Tokenomics
- Team transparency and goals
- Website's age, code, security and UX
- Whitepaper and roadmap
- Social media and online presence

Table of Content

General Information

Name

Info

General Information

Tokenomics

Contract Address 0x704fd8e6dfc178e4f9a2af480f819e99bbdbb96b

General Analysis

Audit Review Process

1. Testing the smart contracts against both common and uncommon vulnerabilities
2. Assessing the codebase to ensure compliance with current best practices and industry standards
3. Ensuring contract logic meets the specifications and intentions of the client
4. Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders
5. Thorough line-byline AI review of the entire codebase by industry

Token Transfer Stats

Transactions (Latest Mine Block)	Token holders	Compiler
1	0	v0.8.20

Smart Contract Stats

Functions	Events	Constructor
24	5	1

Detail Analysis

Threat Level

High	Issues on this level are critical to the smart contract's performace/functionality and should be fixed before moving to a live enviroment
Medium	Issues on this level are critical to the smart contract's performace/functionality and should be fixed before moving to a live enviroment
Low	Issues on this level are minor details and warning that can remain unfixed
Informational	Informational level is to offer suggestions for improvement of efficacy or secruity for fratures with risk free factor

Threat Level

High	**3** threats found
Medium	**0** threats found
Low	**0** threats found
Informational	**0** threats found

Detail Analysis

Vulnerability Check

18 Passed | 3 Fail

Arbitrary Jump/Storage Write	Centralization of Control		
Compiler Issues	Delegate Call to Untrusted Contract		
Dependence on Predictable Variables	Ether/Token Theft		
Flash Loans	Front Running	Improper Events	
Improper Authorization Scheme	Integer Over/Underflow		
Logical Issues	Oracle Issues	Outdated Compiler Version	
Race Conditions	Reentrancy	Signature Issues	Sybil Attack
Unbounded Loops	Unused Code	Overall Contract Safety	

Detail Analysis

Detail Analysis

18 Passed 3 Fail

CATEGORY	STATUS	NOTES
Arbitrary Jump/Storage Write	●	The contract does not exhibit arbitrary jumps or storage writes, as it adheres to standard Solidity development patterns.
Centralization of Control	●	The contract contains centralized control mechanisms, as seen in the Ownable pattern and the ability for the owner to set various parameters.
Compiler Issues	●	Compiled with a recent Solidity version (0.8.20) with no known compiler issues.
Delegate Call to Untrusted Contract	●	There is no use of delegatecall to an untrusted contract, mitigating risks associated with delegate calls.
Dependence on Predictable Variables	●	The contract does not rely on variables like block.timestamp or block.number in a way that affects core functionalities or security.

Detail Analysis

Detail Analysis

18 Passed

3 Fail

CATEGORY	STATUS	NOTES
Ether/Token Theft	●	No functions are present that directly transfer Ether or tokens to arbitrary addresses in an unauthorized manner.
Flash Loans	●	The contract does not interact with flash loan functions, making it unaffected by flash loan attacks.
Front Running	●	The contract could potentially be susceptible to front-running in the functions that involve token transfers and dividend distribution.
Improper Events	●	All critical functions emit events correctly, providing transparency and traceability.
Improper Authorization Scheme	●	The contract's authorization scheme is potentially risky due to centralization, relying heavily on the owner.
Integer Over/Underflow	●	SafeMath library is used consistently for arithmetic operations, mitigating risks of overflows and underflows.

Detail Analysis

Detail Analysis

18 Passed

3 Fail

CATEGORY	STATUS	NOTES
Logical Issues		No apparent logical issues or inconsistencies in the contract logic.
Oracle Issues		The contract does not interact with oracles, thus not exposing it to oracle-related risks.
Outdated Compiler Version		The contract uses a recent Solidity compiler version (0.8.20), which is not outdated.
Race Conditions		No functions or patterns were found that could lead to race conditions.
Reentrancy		The contract uses a ReentrancyGuard to prevent reentrancy attacks.
Signature Issues		The contract does not rely on external signatures, hence is not exposed to signature-related risks.

Detail Analysis

Detail Analysis

18 Passed

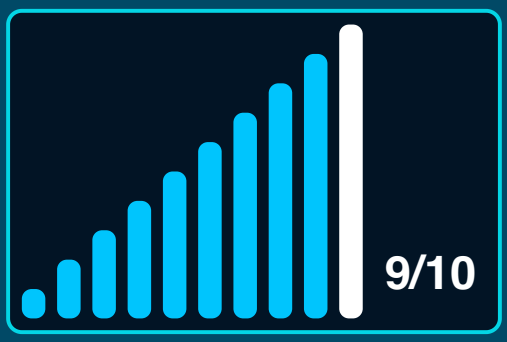
3 Fail

CATEGORY	STATUS	NOTES
Sybil Attack		The nature of the contract does not make it susceptible to Sybil attacks.
Unbounded Loops		All loops in the contract have bounded conditions, avoiding risks of gas limit issues or denial-of-service.
Unused Code		The contract's code does not contain redundant or unused code, ensuring efficiency and reducing attack surface.
Overall Contract Safety		The contract follows general best practices and does not exhibit critical vulnerabilities, though improvements are suggested in authorization schemes and potential front-running vulnerabilities.

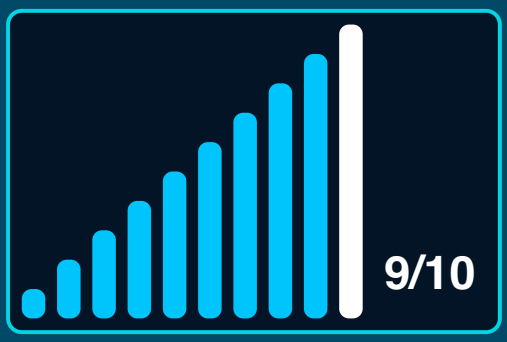
Market Analysis

Score

Total Audit Score



Security Score



Legal Disclaimer

0xscans operates as an automated system for smart contract due diligence, acknowledging the possibility of bugs or vulnerabilities impacting token values. We do not hold specific obligations regarding your trading outcomes or the utilization of audit content. Users release 0xscans from any liability associated with content obtained through the tool.

AI generated by 0xscans AI technology

Chat with us

Telegram

For more information. Visit below:

Twitter

Github