OXSCANS

SynthAI

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OVERVIEW

This audit has been perpared for 'SynthAI' 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

SynthAI

Name **SynthAI**

Info

General Information

Tokenomics

Contract Address 0x86b5e2642d094078ad7fe4e0a61f1f4eb4e3280c

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	172	v0.8.20

Smart Contract Stats

Functions	Events	Constructor
19	6	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	**0** threats found
Medium	**0** threats found
Low	**0** threats found
Informational	**0** threats found

Detail Analysis

Vulnerability Check

21 Passed

0 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- Outdated Compiler Version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

21 Passed

0 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		No risk of centralization as the owner is a dead address, ensuring decentralization of control.
Compiler Issues		Compiled with a recent Solidity version (0.8.20) without any 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

21 Passed

0 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's design and functionality do not inherently facilitate front-running opportunities.
Improper Events		All critical functions emit events correctly, providing transparency and traceability.
Improper Authorization Scheme		The owner has no special privileges as it is a dead address, which reduces the risk of an improper authorization scheme.
Integer Over/Underflow		SafeMath library is used consistently for arithmetic operations, mitigating risks of overflows and underflows.

Detail Analysis

Detail Analysis

21 Passed

0 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's functions are structured in a way that avoids reentrancy vulnerabilities.
Signature Issues		The contract does not rely on external signatures, hence is not exposed to signature-related risks.

Detail Analysis

Detail Analysis

21 Passed

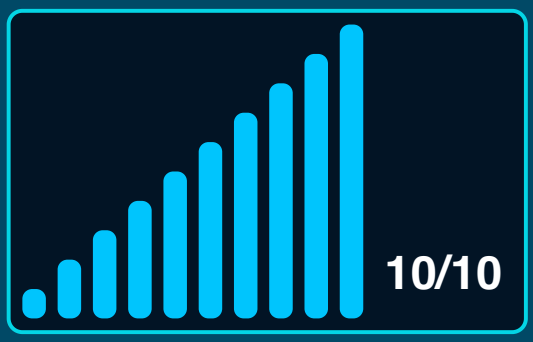
0 Fail

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, with the owner being a dead address enhancing contract safety.

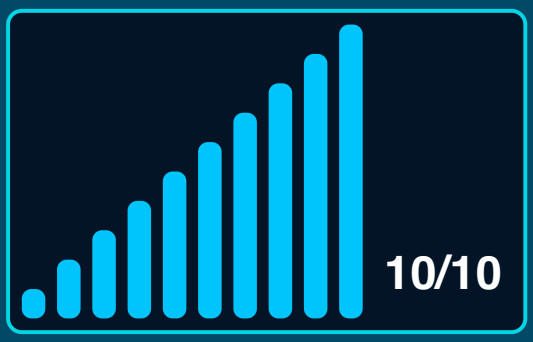
Market Analysis

Score

Total Audit Score



Security Score



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