

The background features a complex, abstract geometric pattern of interconnected white and light-colored lines forming a network of triangles and polygons. The pattern is set against a gradient background that transitions from a deep purple on the left to a bright pink on the right. The lines vary in thickness and some nodes are highlighted with small colored dots in shades of purple, pink, and blue.

Reaper Eth Smart Contract Audit

October 11, 2021

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Smart Contract - Audit Overview

A general overview of our findings. This includes the project summary, the audit summary, and the vulnerabilities summary.

2

Smart Contract - Contract Overview

A general overview of our findings. This includes contract name, ticker, addresses, token holders/transfers etc.

3

Smart Contract - Vulnerabilities

We cover the majority of the vulnerabilities found in the SWC registry and lay them out in an easy-to-read table. Aside from the SWC Registry, we also conduct a line-by-line analysis to watch for common errors and exploits.

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Smart Contract – Code Analysis

The code analysis is the complete overview of the vulnerabilities assessment showing all the issues we found whether they are low severity or high severity.

5

Contract Ownership & Mint Function

Investors need to know what role the project owners play in ability to change features and settings within the contract. In this section we take a deep dive into ownership privileges and ability to mint new tokens.

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Smart Contract - Tokenomics

Tokenomics vary by each project, that come in the form of a tax per each transfer. Most common tax transfers are seen as rewards, liquidity, marketing, burns/buybacks.

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Token Holdings & Analytics

An easy way to spot risk is to take a look at the top token holders. We list them out for you to review for yourself. All data is provided by block explorer sites.

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Team Overview

The captain is the most important part of the ship. This section takes a look at the team – whether they are anonymous or public and provides all the information we can get our hands on.

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Smart Contract – Audit Overview






Project Summary

Project Name	Reaper Eth
Platform	Binance Smart Chain
Language	Solidity
Commits	0xe077682f586ab60a30ace695348c5ec58d9752ff

Audit Summary

Delivery Date	October 11, 2021
Method of Audit	Human and AI
Consultants Engaged	One
Timeline	October 7, 2021 – October 9, 2021

Vulnerability Summary

Vulnerability Level	Total	Resolved
 Critical	0	✓
 Major	0	✓
 Medium	0	✓
 Minor	0	✓
 Informational	0	✓

Smart Contract - Contract Overview

All information is recorded as of 10/11/2021.

Contract Name	Reaper Eth
Contract Ticker	RETH
Contract Address	0xe077682f586ab60a30ace695348c5ec58d9752ff
Contract Creator	0x9216AfB39D32eb8feE2ba8B4cAb4Cb8B52988C34
Decimals	18
Total Supply	10,000,000,000,000
Token Holders	133
Token Transfers	2942
Compiler Version	v0.8.4+commit.c7e474f2
Source Code	Solidity
Optimization Enabled	Yes with 200 runs
Other Settings	Default ermVersion

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Lines Affected	Results
Function Default Visibility				
Integer Overflow and Underflow				
Outdated Compiler Version				
Floating Pragma				
Unchecked Call Return Value				
Unprotected Ether Withdrawal				
Unprotected SELFDESTRUCT Instruction				
Unencrypted Private Data On-Chain				

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
Reentrancy				
State Variable Default Visibility				
Uninitialized Storage Pointer				
Assert Violation				
Use of Deprecated Solidity Functions				
Delegatecall to Untrusted Callee				
DoS with Failed Call				
Code With No Effects				

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
Transaction Order Dependence				
Authorization through tx.origin				
Block values as a proxy for time				
Signature Malleability				
Incorrect Constructor Name				
Shadowing State Variables				
Weak Sources of Randomness from Chain Attributes				

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
Missing Protection against Signature Replay Attacks				
Lack of Proper Signature Verification				
Requirement Violation				
Write to Arbitrary Storage Location				
Incorrect Inheritance Order				
Insufficient Gas Griefing				
Arbitrary Jump with Function Type Variable				

Smart Contract - Vulnerabilities

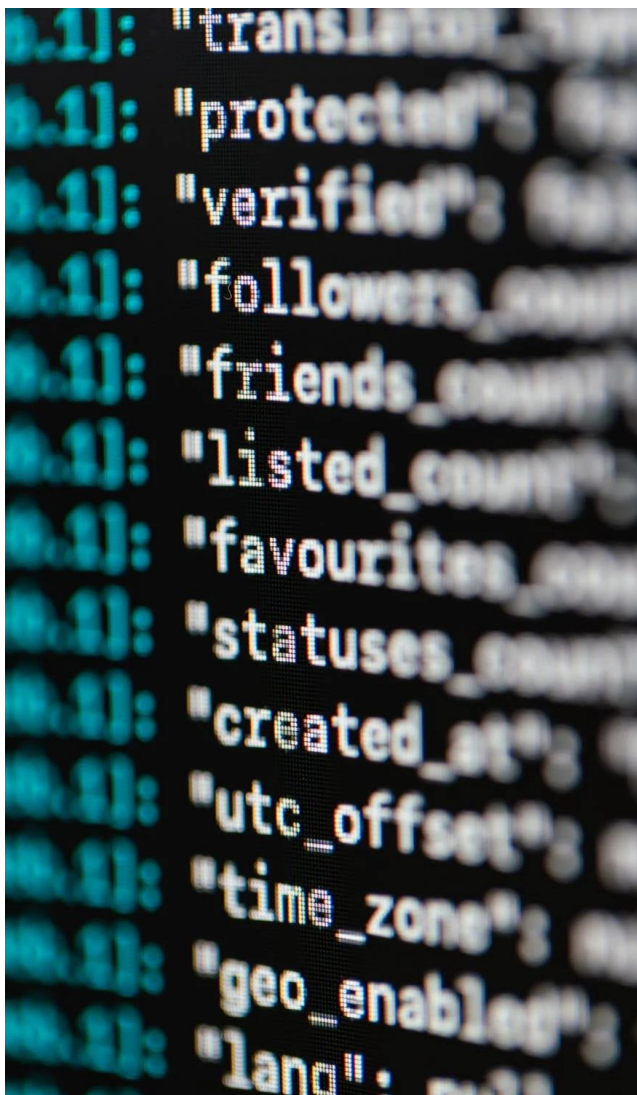
Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
DoS With Block Gas Limit				
Typographical Error				
Right-To-Left-Override control character				
Presence of unused variables				
Unexpected Ether balance				
Hash Collisions With Multiple Variable Length Arguments				
Message call with hardcoded gas amount				

Smart Contract - Code Analysis

There were no major errors found within the contract audit.

Smart Contract – Mint function

This contract can't mint new RETH tokens. We have not located a mint function within the code that is used to mint new Reaper Eth tokens.



Smart Contract – Contract Ownership

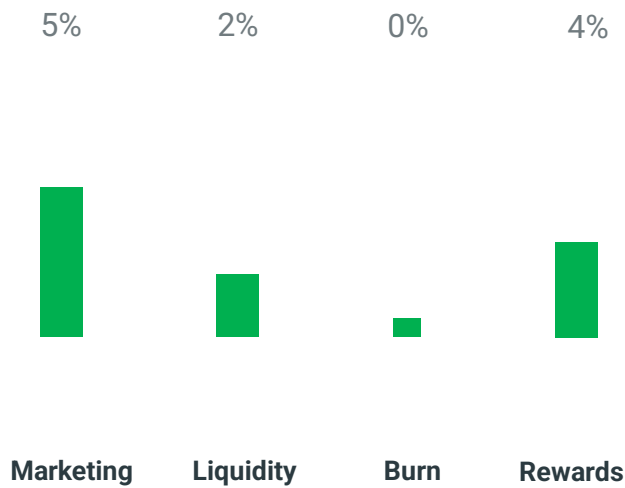
Contract ownership has not been renounced at the time of the audit. The owner's address is shown below as:

**0x9216AfB39D32eb8
feE2ba8B4cAb4Cb8B
52988C34**

Smart Contract - Tokenomics

At the time of Audit the transaction fees ("tax") listed below are the fees associated with trading. These fees are taken from every buy and sell transaction unless otherwise stated. Token taxes vary by each project.

BUYING FEE: 11%



5% 2% 0% 4%

SELLING FEE: 11%

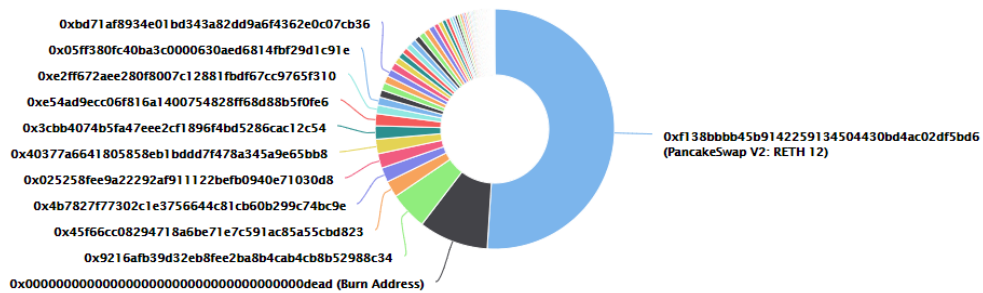
5% 2% 0% 4%

Token Holders & Contract Analytics

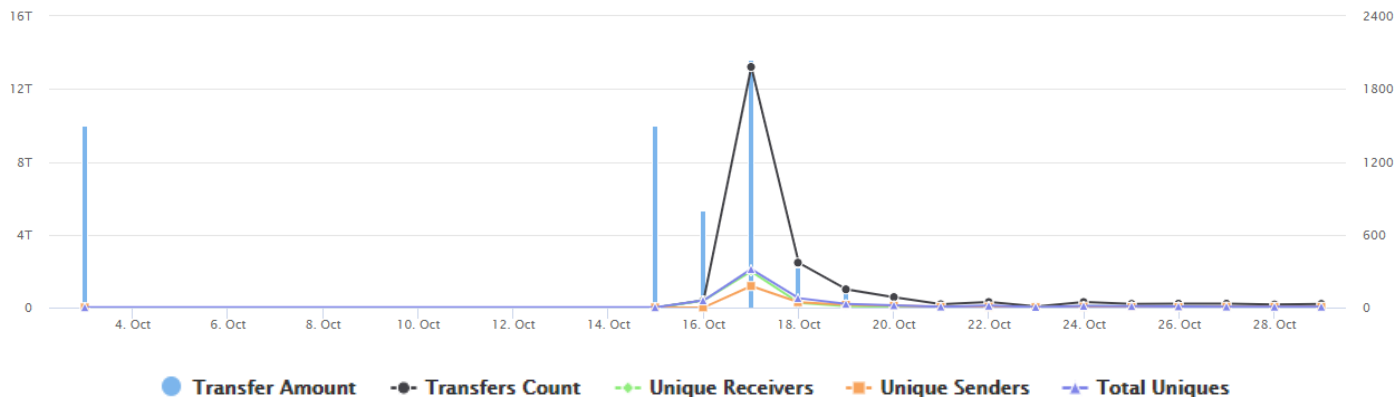
Top 100 Token Holders

ReaperETH Top 100 Token Holders

Source: BscScan.com



Token Contract Analytics

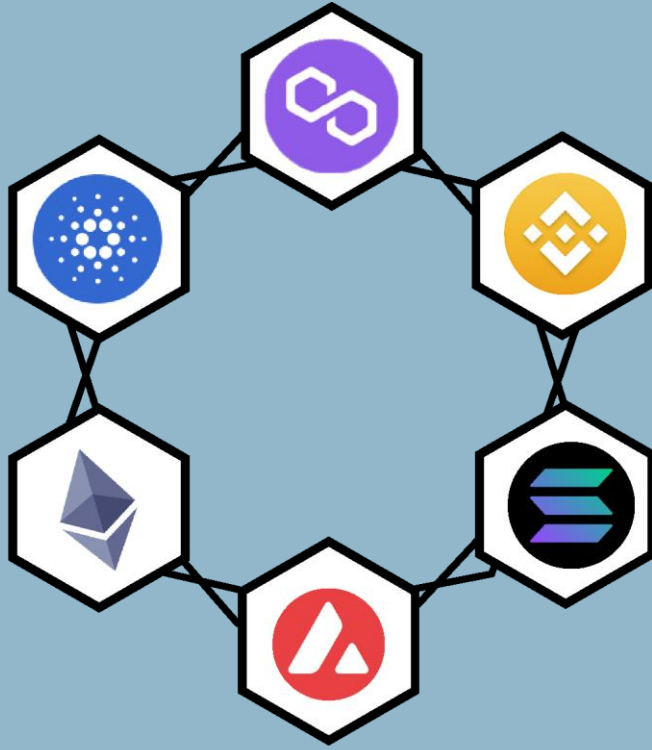


Team Overview



KYC CERTIFIED

Audits.finance has successfully completed KYC for the project. Audits.finance has verified the identity of 1 team member(s) with government issued ID and photo evidence to match. The project is currently located within Canada.



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