

A low-angle, upward-looking photograph of several tall skyscrapers, creating a sense of height and architectural scale. The image is in a monochromatic blue-grey tone, matching the background.

SMART CONTRACT SECURITY AUDIT

Final report

Plan: Simple

Regard

May 2024

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INTRODUCTION

The report has been prepared for Regard.

Regard project description:

Are you tired of the endless parade of copycat animals, cats, dogs and frogs? If you're searching for a meme token that truly gets and represents your chaotic, risk-loving, diamond-handed heart, you've finally found your tribe. REGARD Token is the cryptocurrency built by regards, for regards – the wild ones, the YOLO enthusiasts, the ones who laugh in the face of conventional wisdom.

We're not here to promise you overnight riches or a cushy retirement plan. We're here for the thrill of the ride, the adrenaline rush of a perfectly timed (or spectacularly mistimed) trade, and the camaraderie born from shared victories and legendary losses.

REGARD Token fuels the rocket ship of dreams... dreams filled with rockets, moons, and lambos paid for with those sweet, sweet tendies. Embrace the absurdity, harness the power of the meme, and join the ranks of the most gloriously reckless regards in the cryptosphere.

Name	Regard
Audit date	2024-05-15 - 2024-05-15
Language	Solidity
Platform	Binance Smart Chain

ANALYZED CONTRACTS

Name	Address
AntiBotStandardToken	0x66addb3204359821d7b854da9574b6fafe4331c1

AUDIT PROCESS

Our audit structure consists of two stages:

Auto-analysis

- Our automated tools allow us to scan smart contract code and find potential issues
- We hand pick and verify all the issues found by the tools

Expert audit

- Manual analysis of potential issues and vulnerabilities
- Contract code is reviewed thoroughly

KNOWN ISSUES CHECKED

Title	Result
Unencrypted Private Data On-Chain	✓ passed
Code With No Effects	✓ passed
Message call with hardcoded gas amount	✓ passed
Typographical Error	✓ passed
DoS With Block Gas Limit	✓ passed
Presence of unused variables	✓ passed

Incorrect Inheritance Order	✓ passed
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Requirement Violation	✓ passed
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Weak Sources of Randomness from Chain Attributes	✓ passed
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Shadowing State Variables	✓ passed
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Incorrect Constructor Name	✓ passed
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Block values as a proxy for time	✓ passed
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Authorization through tx.origin	✓ passed
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DoS with Failed Call	✓ passed
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Delegatecall to Untrusted Callee	✓ passed
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Use of Deprecated Solidity Functions	✓ passed
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Assert Violation	✓ passed
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State Variable Default Visibility	✓ passed
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Reentrancy	✓ passed
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Unprotected SELFDESTRUCT Instruction	✓ passed
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Unprotected Ether Withdrawal	✓ passed
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Unchecked Call Return Value	✓ passed
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Floating Pragma	✓ passed
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Outdated Compiler Version	✓ passed
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Integer Overflow and Underflow	✓ passed
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Function Default Visibility	✓ passed
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ISSUE CLASSIFICATION

High risk	Issues leading to assets theft, locking or any other loss of assets or leading to contract malfunctioning.
Medium risk	Issues that can trigger a contract failure of malfunctioning.
Low risk	Issues that do not affect contract functionality. For example, unoptimised gas usage, outdated or unused code, code style violations, etc.

ISSUES

High risk issues

No issues were found

Medium risk issues

No issues were found

Low risk issues

No issues were found

CONCLUSION

Regard AntiBotStandardToken contract was audited. No risk issues were found.

DISCLAIMER

This report is subject to the terms and conditions (including without limitation, description of services, confidentiality, disclaimer and limitation of liability) set forth in the Services Agreement, or the scope of services, and terms and conditions provided to the Company in connection with the Agreement. This report provided in connection with the Services set forth in the Agreement shall be used by the Company only to the extent permitted under the terms and conditions set forth in the Agreement. This report may not be transmitted, disclosed, referred to or relied upon by any person for any purposes without RapidLabs prior written consent.

This report is not, nor should be considered, an "endorsement" or "disapproval" of any particular project or team. This report is not, nor should be considered, an indication of the economics or value of any "product" or "asset" created by any team or project that contracts RapidLabs to perform a security assessment. This report does not provide any warranty or guarantee regarding the absolute bug-free nature of the technology analyzed, nor do they provide any indication of the technologies proprietors, business, business model or legal compliance.

This report should not be used in any way to make decisions around investment or involvement with any particular project. This report in no way provides investment advice, nor should be leveraged as investment advice of any sort. This report represents an extensive assessing process intending to help our customers increase the quality of their code while reducing the high level of risk presented by cryptographic tokens and blockchain technology.

STATIC ANALYSIS

Downloading compiler 0.8.4

Generating typings for: 7 artifacts in dir: typechain-types for target: ethers-v5

Successfully generated 14 typings!

Compiled 1 Solidity file successfully (evm target: istanbul).

INFO:Detectors:

AntiBotStandardToken.allowance(address,address).owner (contracts/contract.sol#590) shadows:

■- Ownable.owner() (contracts/contract.sol#150-152) (function)

AntiBotStandardToken._approve(address,address,uint256).owner (contracts/contract.sol#795) shadows:

■- Ownable.owner() (contracts/contract.sol#150-152) (function)

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#local-variable-shadowing>

INFO:Detectors:

AntiBotStandardToken.constructor(string,string,uint8,uint256,address,address,uint256).serviceFeeReceiver_ (contracts/contract.sol#491) lacks a zero-check on :

■■- address(serviceFeeReceiver_).transfer(serviceFee_) (contracts/contract.sol#510)

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#missing-zero-address-validation>

INFO:Detectors:

Reentrancy in AntiBotStandardToken._transfer(address,address,uint256) (contracts/contract.sol#716-736):

■External calls:

■- pinkAntiBot.onPreTransferCheck(sender,recipient,amount) (contracts/contract.sol#725)

■State variables written after the call(s):

■- _balances[sender] = _balances[sender].sub(amount,ERC20: transfer amount exceeds balance) (contracts/contract.sol#730-733)

■- _balances[recipient] = _balances[recipient].add(amount) (contracts/contract.sol#734)

Reentrancy in AntiBotStandardToken.transferFrom(address,address,uint256) (contracts/contract.sol#630-645):

■External calls:

■- _transfer(sender,recipient,amount) (contracts/contract.sol#635)

■■- pinkAntiBot.onPreTransferCheck(sender,recipient,amount) (contracts/contract.sol#725)

■ State variables written after the call(s):

■- `_approve(sender, _msgSender(), _allowances[sender]`

`[_msgSender()].sub(amount, ERC20: transfer amount exceeds allowance))` (contracts/contract.sol#636-643)

■- `_allowances[owner][spender] = amount` (contracts/contract.sol#802)

Reference: [https://github.com/crytic/slither/wiki/Detector-](https://github.com/crytic/slither/wiki/Detector-Documentation#reentrancy-vulnerabilities-2)

Documentation#reentrancy-vulnerabilities-2

INFO:Detectors:

Reentrancy in `AntiBotStandardToken._transfer(address,address,uint256)` (contracts/contract.sol#716-736):

■ External calls:

■- `pinkAntiBot.onPreTransferCheck(sender,recipient,amount)` (contracts/contract.sol#725)

■ Event emitted after the call(s):

■- `Transfer(sender,recipient,amount)` (contracts/contract.sol#735)

Reentrancy in `AntiBotStandardToken.transferFrom(address,address,uint256)` (contracts/contract.sol#630-645):

■ External calls:

■- `_transfer(sender,recipient,amount)` (contracts/contract.sol#635)

■- `pinkAntiBot.onPreTransferCheck(sender,recipient,amount)` (contracts/contract.sol#725)

■ Event emitted after the call(s):

■- `Approval(owner,spender,amount)` (contracts/contract.sol#803)

■- `_approve(sender, _msgSender(), _allowances[sender]`

`[_msgSender()].sub(amount, ERC20: transfer amount exceeds allowance))` (contracts/contract.sol#636-643)

Reference: [https://github.com/crytic/slither/wiki/Detector-](https://github.com/crytic/slither/wiki/Detector-Documentation#reentrancy-vulnerabilities-3)

Documentation#reentrancy-vulnerabilities-3

INFO:Detectors:

`AntiBotStandardToken._burn(address,uint256)` (contracts/contract.sol#768-779) is never used and should be removed

`AntiBotStandardToken._setupDecimals(uint8)` (contracts/contract.sol#813-815) is never used and should be removed

`Context._msgData()` (contracts/contract.sol#110-112) is never used and should be removed

`SafeMath.div(uint256,uint256)` (contracts/contract.sol#324-326) is never used and should be removed

`SafeMath.div(uint256,uint256,string)` (contracts/contract.sol#380-389) is never used and should be removed

`SafeMath.mod(uint256,uint256)` (contracts/contract.sol#340-342) is never used and should be removed

`SafeMath.mod(uint256,uint256,string)` (contracts/contract.sol#406-415) is never

used and should be removed

SafeMath.mul(uint256,uint256) (contracts/contract.sol#310-312) is never used and should be removed

SafeMath.sub(uint256,uint256) (contracts/contract.sol#296-298) is never used and should be removed

SafeMath.tryAdd(uint256,uint256) (contracts/contract.sol#211-217) is never used and should be removed

SafeMath.tryDiv(uint256,uint256) (contracts/contract.sol#253-258) is never used and should be removed

SafeMath.tryMod(uint256,uint256) (contracts/contract.sol#265-270) is never used and should be removed

SafeMath.tryMul(uint256,uint256) (contracts/contract.sol#236-246) is never used and should be removed

SafeMath.trySub(uint256,uint256) (contracts/contract.sol#224-229) is never used and should be removed

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#dead-code>

INFO:Detectors:

Pragma version=0.8.4 (contracts/contract.sol#461) allows old versions
solc-0.8.4 is not recommended for deployment

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#incorrect-versions-of-solidity>

INFO:Detectors:

Parameter AntiBotStandardToken.setEnableAntiBot(bool)._enable (contracts/contract.sol#513) is not in mixedCase

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#conformance-to-solidity-naming-conventions>

INFO:Detectors:

Variable AntiBotStandardToken._totalSupply (contracts/contract.sol#480) is too similar to AntiBotStandardToken.constructor(string,string,uint8,uint256,address,address,uint256).totalSupply_ (contracts/contract.sol#489)

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#variable-names-too-similar>

INFO:Detectors:

AntiBotStandardToken.pinkAntiBot (contracts/contract.sol#482) should be immutable

Reference: <https://github.com/crytic/slither/wiki/Detector-Documentation#state-variables-that-could-be-declared-immutable>

INFO:Slither:.. analyzed (7 contracts with 85 detectors), 26 result(s) found



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