

A low-angle, upward-looking photograph of several tall skyscrapers, creating a sense of height and architectural scale. The image is in a muted blue-grey color and serves as a background for the central text.

SMART CONTRACT SECURITY AUDIT

Final report

Plan: Simple

BitcoinEight

September 2022

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INTRODUCTION

AntiBot standard token by BitcoinEight is a fungible ERC20 standard token with antibot add-on..

Name	BitcoinEight
Audit date	2022-09-27 - 2022-09-27
Language	Solidity
Platform	Binance Smart Chain

ANALYZED CONTRACTS

Name	Address
AntiBotStandardToken	0xf6c972d6a5dd6db3487611361f5a63d86b71919c

AUDIT PROCESS

The provided code was audited by the team following the procedure described below:

1. An automated contract analysis
2. A complete scan of the contracts provided by the project owner, with the assistance of several automated tools for Solidity contracts auditing, available publicly.
3. A manual review of the discovered issues in order to confirm their validity.
4. A complete manual audit of the provided contract in order to check the Solidity contract's logic and concealed vulnerabilities.

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
Requirement Violation	✓ passed
Weak Sources of Randomness from Chain Attributes	✓ passed
Shadowing State Variables	✓ passed
Incorrect Constructor Name	✓ passed
Block values as a proxy for time	✓ passed
Authorization through tx.origin	✓ passed

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

1. Antibot can block transfers (AntiBotStandardToken)

An external contract is called by the AntiBotStandardToken contract for antibot protection functionality. This contract is deployed via proxy, which means that the code can be altered. Potentially, the antibot can block transfers

CONCLUSION

BitcoinEight AntiBotStandardToken contract was audited. 1 low risk issue was found.

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