



Solidity checkUp



Aibox Token

SMART CONTRACT AUDIT REPORT

6 January 2023

Audited by
Solidity CheckUp

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Disclaimer

The information provided on this report document is only for general information and should not be used as a reason to invest. Solidity CheckUp Team will take no payment for manipulating the results of this audit. Solidity CheckUp Team does not guarantees that a project will not sell off team supply, or any other scam strategy.

Smart contracts are deployed and executed on the blockchain platform. The platform, its programming language, and other software related to the smart contract can have its vulnerabilities that can lead to hacks. The audit can't guarantee the explicit security of the audited project / smart contract.

Audit Details



Audited project

Aibox



Deployer Address

0xeE57B3a7F65C1139023946B1081818915873Fd21



Client Contacts

Aibox Team



Website

<https://aiboxapp.net/>



Blockchain

EthereumPOW

Background

Solidity CheckUp was commissioned by the Aibox Token Team to perform an audit of the smart contract:
<https://www.oklink.com/en/ethw/address/0x54e3F3d546b848D435C455b900d9f0E22B491dB0>

The purpose of the audit was to achieve the following:

- Ensure that the smart contract functions as intended.
- Identify potential security issues with the smart contract.

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified.



Contract Details

Token Contract Details for 06.01.2023	
Contract Name	Aibox
Contract Address	0x54e3F3d546b848D435C455b900d9f0E22B491dB0
Total Supply	100,000,000
Token Ticker	ABX
Decimals	18
Token Holders	1
Transections Count	2
Liquidity Fee	2%
Tax Fee	4%
Marketing Fee	3%
Uniswap V2 Pair	N/A

Token Details

Details

Buy Fees:	9%
Sell Fees:	9%
Max TX:	N/A
Max Sell:	N/A

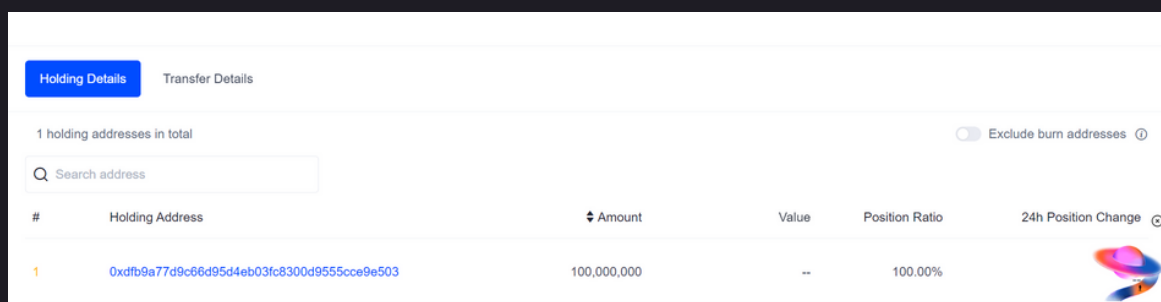
Honeypot Risk

Ownership:	Owned
Blacklist:	Not Detected
Modify Max TX:	Yes, function is available for that.
Modify Max Sell:	N/A
Disable Trading:	N/A

Rug Pull Risk

Liquidity:	Not Detected
Holders:	Not Detected

Token Analysis & Top10 Holders



The screenshot shows the 'Holding Details' tab for a token. It indicates '1 holding addresses in total' and includes a search bar. A table lists the holder's address, amount, value, position ratio, and 24-hour position change. The holder's address is `0xdfb9a77d9c86d95d4eb03fc8300d9555coe9e503`, the amount is 100,000,000, the value is --, the position ratio is 100.00%, and the 24h position change is --. A small token icon is visible on the right.

#	Holding Address	Amount	Value	Position Ratio	24h Position Change
1	<code>0xdfb9a77d9c86d95d4eb03fc8300d9555coe9e503</code>	100,000,000	--	100.00%	--

<https://www.oklink.com/en/ethw/token/0x54e3F3d546b848D435C455b900d9f0E22B491dB0>

Only one address currently holds total token supply

Audit Overview

No.	Issue description	Checking Status
1	Compiler Errors / Warnings	Passed
2	Reentrancy and Cross-function	Passed
3	Front running	Passed
4	Timestamp dependence	Passed
5	Integer Overflow and Underflow	Passed
6	Reverted DoS	Passed
7	DoS with block gas limit	Passed
8	Methods execution permissions	Passed
9	Exchange rate impact	Passed
10	Malicious Event	Passed
11	Scoping and Declarations	Passed
12	Uninitialized storage pointers	Passed
13	Design Logic	Passed
14	Safe Zeppelin module	Passed



Audit Overview

Security Issue

0 High

0 Medium

1 Low

0 Critical



Audit Overview

Gas Optimisations:

1. `_tokenTransfer` function:

remove

```
else if (!_isExcluded[sender] && !_isExcluded[recipient]) {  
    _transferStandard(sender, recipient, amount);  
}
```

Because “`_transferStandard`” is implemented as last resort at the end with the “`else`” keyword, therefore this becomes a duplicate.



Owner Privileges

- Contract owner can transfer ownership.
- Contract owner can renounce ownership.
- Contract Owner can change fees for v1Pool, liquidityfee and marketingPool.
- Contract Owner can change set values for other key functions within the contract.
- Contract Owner can include or exclude other addresses including their own from incurring fees during transactions.
- Contract Owner can lock contract for a period of time.
- Contract Owner can change v1pool and marketingpool addresses.

Conclusion & Analysis

- Smart Contracts within the scope were manually reviewed and analyzed with static tools.
- Audit report overview contains all found security vulnerabilities and other issues in the reviewed code.
- Found no Critical issue during the first review.
- Liquidity pair contract security is not checked due to out of scope



Kindly check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by Owner.



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