



An Audit Company

Smart Contract Security Audit



Audit Details:

Audited Project	: Paisha Token
Client	: Paisha Token
Contract Address	: 0x0b2c6f5f177fdd9326039b3110887f2d0f98f713
Deployer Address	: 0x2df1e99568f3f7c1fdf4fc29ae2bd2df1a8820d6
Blockchain	: Binance Smart Chain
Project Website	: www.paisatoken.net

June, 2021
CodeShield



Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the below disclaimer below - please make sure to read it in full.

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The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.

Background

CodeShield was commissioned by Paisa Token to perform an audit of smart contracts:

- <https://bscscan.com/token/0x0b2c6f5f177fdd9326039b3110887f2d0f98f713>

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.

Token Distribution

💡 The top 100 holders collectively own 98.86% (988,647,603,597.67 Tokens) of Paisa Token

💡 Token Total Supply: 1,000,000,000,000.00 Token | Total Token Holders: 172

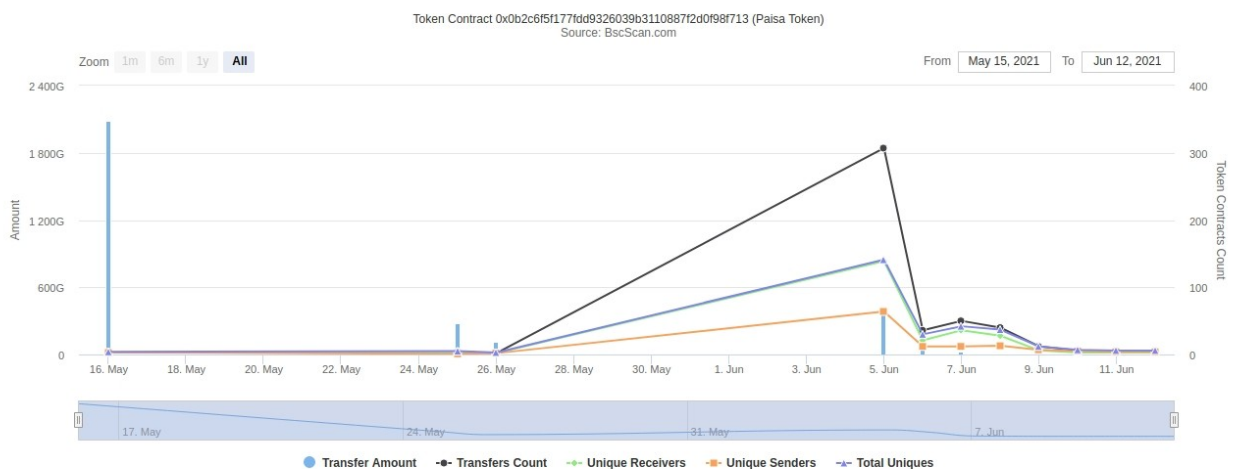


(A total of 988,647,603,597.67 tokens held by the top 100 accounts from the total supply of 1,000,000,000,000.00 token)

Contract Interaction Details

Time Series: Token Contract Overview

Sun 16, May 2021 - Sat 12, Jun 2021



Issues Checking Status

No.	Issue description.	Checking Status
1.	Compiler errors.	Passed
2.	Race conditions and Reentrancy. Cross-function race conditions.	Passed
3.	Possible delays in data delivery.	Passed
4.	Oracle calls.	Passed
5.	Front running.	Passed
6.	Timestamp dependence.	Passed
7.	Integer Overflow and Underflow.	Passed
8.	DoS with Revert.	Passed
9.	DoS with block gas limit.	Low Issues
10.	Methods execution permissions.	Passed
11.	Economy model of the contract.	Passed
12.	The impact of the exchange rate on the logic.	Passed
13.	Private user data leaks.	Passed
14.	Malicious Event log.	Passed
15.	Scoping and Declarations	Passed
16.	Uninitialized storage pointers.	Passed
17.	Arithmetic accuracy.	Passed
18.	Design Logic.	Passed
19.	Cross-function race conditions.	Passed
20.	Safe Open Zeppelin contracts implementation and usage.	Passed
21.	Fallback function security.	Passed

Security Issues



High Severity Issues

No high severity issues found.



Medium Severity Issues

No medium severity issues found.



Low Severity Issues

1. Out of gas

Issue:

- The function `includeInReward()` uses the loop to find and remove addresses from the `_excluded` list. Function will be aborted with `OUT_OF_GAS` exception if there will be a long excluded addresses list.

- The function `_getCurrentSupply` also uses the loop for evaluating total supply. It also could be aborted with `OUT_OF_GAS` exception if there will be a long excluded addresses list.

Recommendation:

- Use `EnumerableSet` instead of array or do not use long arrays.

Conclusion

Smart contracts contain only low severity issues.

LP pair contract security is checked And Liquidity lock info found on DXSale.



Locker : **DxLock Certified Liquidity Locker**
Unlock Date : **5 Jun 2022 at 18:00**
LP Token Address :

[https://bscscan.com/address/
0xFE877b69127dAB6308c754b397adCa1d7c74e928](https://bscscan.com/address/0xFE877b69127dAB6308c754b397adCa1d7c74e928)

CodeShield Note:

Please 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.