



Smart Contract Security Audit

Audit details:

Audited project:	CrossPad Finance
Deployer address:	0xb313e1d65bf0d880ae8707bb5725549be632c2cb
Client contacts:	CrossPad Finance team
Blockchain:	Binance Smart Chain
Project website:	https://www.crosspad.finance

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

TechRate was commissioned by CrossPad Finance to perform an audit of smart contracts:

- <https://bscscan.com/address/0x5b6ef1f87d5cec1e8508ddb5de7e895869e7a4a3#code>

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.

Contracts details

Token contract details for 22.04.2021.

Contract name:	CrossPad Finance
Contract address:	0x5b6ef1f87d5cec1e8508ddb5de7e895869e7a4a3
Total supply:	100_000_000_000_000_000_000_000
Token ticker:	CROSS
Decimals:	18
Token holders:	2
Transactions count:	1
Top 100 holders dominance:	100 %
Cap:	100_000_000_000_000_000_000_000
Paused status:	False
Distribution contract:	0x79fe23ad6eb3061b8d39c6499a1b17f9a7937a9d
Contract deployer address:	0xb313e1d65bf0d880ae8707bb5725549be632c2cb
Contract's current owner address:	0x79fe23ad6eb3061b8d39c6499a1b17f9a7937a9d

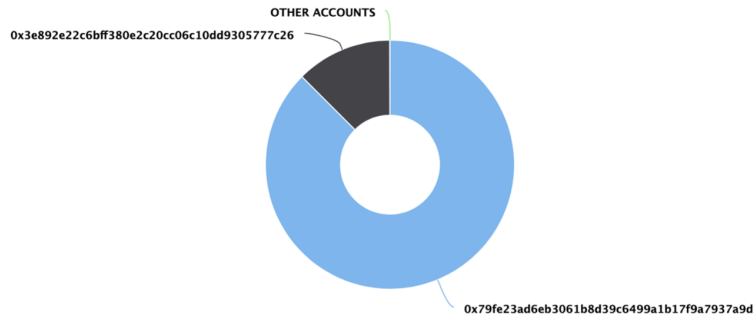
CrossPad Finance token distribution

The top 100 holders collectively own 100.00% (100,000,000.00 Tokens) of CrossPad.finance

Token Total Supply: 100,000,000.00 Token | Total Token Holders: 2

CrossPad.finance Top 100 Token Holders

Source: BscScan.com



(A total of 100,000,000.00 tokens held by the top 100 accounts from the total supply of 100,000,000.00 token)

CrossPad Finance contract interaction details

Time Series: Token Contract Overview

Tue 20, Apr 2021 - Tue 20, Apr 2021

Token Contract 0x5b6ef1f87d5cec1e8508ddb5de7e895869e7a4a3 (CrossPad.finance)
Source: BscScan.com



CrossPad Finance top 2 token holders

Rank	Address	Quantity (Token)	Percentage
1	0x79fe23ad6eb3061b8d39c6499a1b17f9a7937a9d	87,500,000	87.5000%
2	0x3e892e22c6bff380e2c20cc06c10dd9305777c26	12,500,000	12.5000%

Contract functions details

- + ERC20Basic
 - [Pub] totalSupply
 - [Pub] balanceOf
 - [Pub] transfer #

- + [Lib] SafeMath
 - [Int] add
 - [Int] sub
 - [Int] sub
 - [Int] mul
 - [Int] div
 - [Int] div
 - [Int] mod
 - [Int] mod

- + BasicToken (ERC20Basic)
 - [Pub] totalSupply
 - [Pub] transfer #
 - [Pub] balanceOf

- + ERC20 (ERC20Basic)
 - [Pub] allowance
 - [Pub] transferFrom #
 - [Pub] approve #

- + StandardToken (ERC20, BasicToken)
 - [Pub] transferFrom #
 - [Pub] approve #
 - [Pub] allowance
 - [Pub] increaseApproval #
 - [Pub] decreaseApproval #

- + Ownable
 - [Pub] <Constructor> #
 - [Pub] transferOwnership #
 - modifiers: onlyOwner

- + CappedToken (StandardToken, Ownable)
 - [Pub] <Constructor> #

- + Pausable (Ownable)
 - [Pub] pause #
 - modifiers: onlyOwner,whenNotPaused

- [Pub] unpause #
 - modifiers: onlyOwner,whenPaused

- + PausableToken (StandardToken, Pausable)
 - [Pub] transfer #
 - modifiers: whenNotPaused
 - [Pub] transferFrom #
 - modifiers: whenNotPaused
 - [Pub] approve #
 - modifiers: whenNotPaused
 - [Pub] increaseApproval #
 - modifiers: whenNotPaused
 - [Pub] decreaseApproval #
 - modifiers: whenNotPaused

- + CrossPadFinance (PausableToken, CappedToken)
 - [Pub] <Constructor> #
 - modifiers: CappedToken

(\$) = payable function

= non-constant function

Issues Checking Status

№	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

No low severity issues found.

Owner privileges

- ❑ Owner can pause the transfers on the contract at any time.

Conclusion

Smart contracts do not contain high severity issues.

Techrate 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.