



TechRate

AUDIT COMPANY

Smart Contract Security Audit

Audit Details



Audited project

FANSPEL



Deployer address

0xD695b105A282c0f116abe9AE40d3c0f2Ec37B42f



Client contacts:

FANSPEL team



Blockchain

Binance Smart Chain



Project website:

<https://www.fanspel.io>

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 FANSPEL to perform an audit of smart contracts:

<https://bscscan.com/address/0xb0228eb6c0b49f8265e6e161c3a987eed7471f42#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 24.07.2021

Contract name	FANSPEL
Contract address	0xB0228Eb6c0b49f8265e6E161c3a987eeD7471F42
Total supply	2,100,000,000
Token ticker	FAN
Decimals	18
Token holders	5,812
Transactions count	10,497
Top 100 holders dominance	100.00%
Contract deployer address	0xD695b105A282c0f116abe9AE40d3c0f2Ec37B42f
Contract's current owner address	0xd695b105a282c0f116abe9ae40d3c0f2ec37b42f

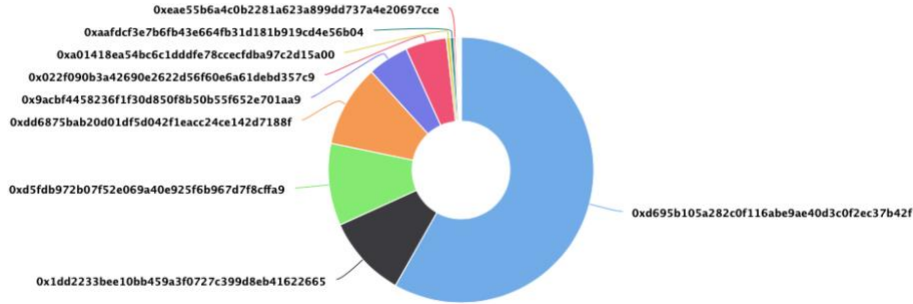
FANSPEL Token Distribution

The top 100 holders collectively own 100.00% (2,099,981,324.70 Tokens) of FANSPEL

Token Total Supply: 2,100,000,000.00 Token | Total Token Holders: 5,812

FANSPEL Top 100 Token Holders

Source: BscScan.com



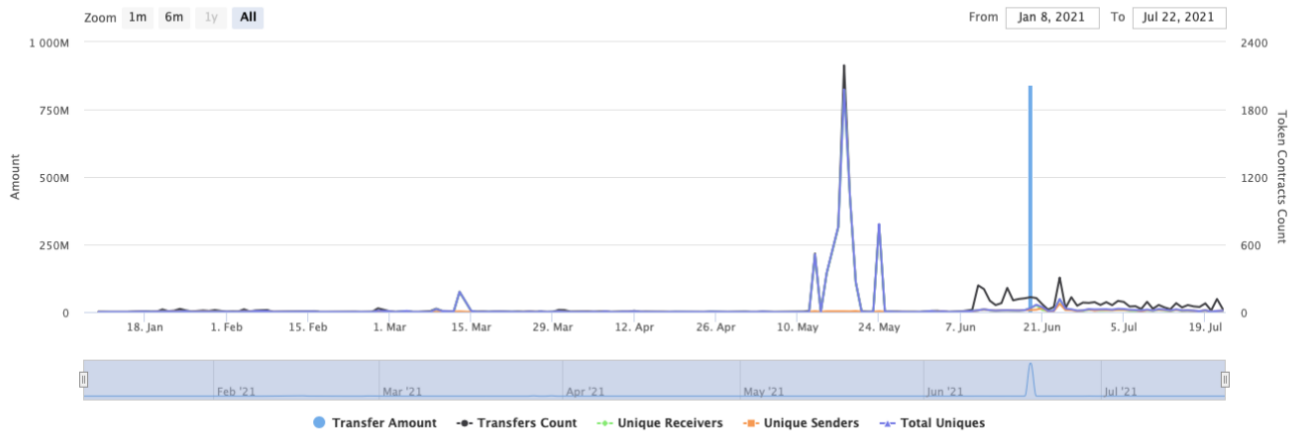
(A total of 2,099,981,324.70 tokens held by the top 100 accounts from the total supply of 2,100,000,000.00 token)

FANSPEL Contract Interaction Details

Time Series: Token Contract Overview

Sun 10, Jan 2021 - Thu 22, Jul 2021

Token Contract 0xb0228eb6c0b49f8265e6e161c3a987eed7471f42 (FANSPEL)
Source: BscScan.com



FANSPEL Top 10 Token Holders

Rank	Address	Quantity (Token)	Percentage
1	0xd695b105a282c0f116abe9ae40d3c0f2ec37b42f	1,222,852,525.575875165699896304	58.2311%
2	0x1dd2233bee10bb459a3f0727c399d8eb41622665	210,000,000	10.0000%
3	0xd5fdb972b07f52e069a40e925f6b967d7f8cfa9	210,000,000	10.0000%
4	0xdd6875bab20d01df5d042f1eacc24ce142d7188f	210,000,000	10.0000%
5	0x9acbf44582361f30d850f8b50b55f652e701aa9	105,000,000	5.0000%
6	0x022f090b3a42690e2622d56f60e6a61debd357c9	105,000,000	5.0000%
7	0xa01418ea54bc6c1dddfe78ccecfdba97c2d15a00	9,818,779.230022395105905407	0.4676%
8	0xaaafdcf3e7b6fb43e664fb31d181b919cd4e56b04	9,292,646.599875818432028035	0.4425%
9	0xae55b6a4c0b2281a623a899dd737a4e20697cce	4,982,841.028045212212772338	0.2373%
10	0x508716348edcbcd3dbc57003b77a37bdc41b73d1	2,500,000	0.1190%



Contract functions details

+ SafeMath

- [Int] safeMul
- [Int] safeDiv
- [Int] safeSub
- [Int] safeAdd

+ FANSPEL (SafeMath)

- [Pub] <Constructor> #
- [Pub] transfer #
- [Pub] approve #
- [Pub] transferFrom #
- [Pub] freeze #
- [Pub] unfreeze #

(\$) = 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.	Passed
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.

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.