



TechRate
AUDIT COMPANY

Smart Contract Security Audit

TechRate

March, 2022

Audit Details



Audited project

DOT



Deployer address

0x53b1ab959526811d7a304afc6bb0294e53acd53d



Client contacts:

DOT team



Blockchain

Binance Smart Chain



Project website:

<https://dotcoins.in/>

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 DOT to perform an audit of smart contracts:

<https://bscscan.com/address/0x67fb98b7eBa501dFAa9c7b6481F48bB6b3cbbB41#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 10.03.2022

Contract name	DOT
Contract address	0x67fb98b7eBa501dFAa9c7b6481F48bB6b3cbbB41
Total supply	500,000,000
Token ticker	DOT
Decimals	18
Token holders	1,961
Transactions count	2,385
Top 100 holders dominance	99.93%
Contract deployer address	0x53b1ab959526811d7a304afc6bb0294e53acd53d
Contract's current owner address	0x53b1ab959526811d7a304afc6bb0294e53acd53d

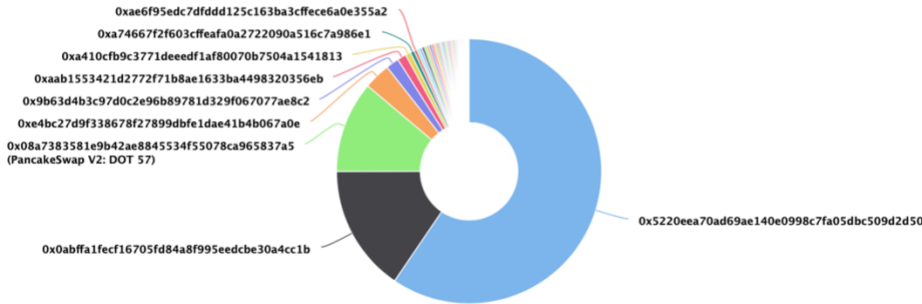
DOT Token Distribution

The top 100 holders collectively own 99.93% (499,629,800.00 Tokens) of DOT

Token Total Supply: 500,000,000.00 Token | Total Token Holders: 1,961

DOT Top 100 Token Holders

Source: BscScan.com



(A total of 499,629,800.00 tokens held by the top 100 accounts from the total supply of 500,000,000.00 token)

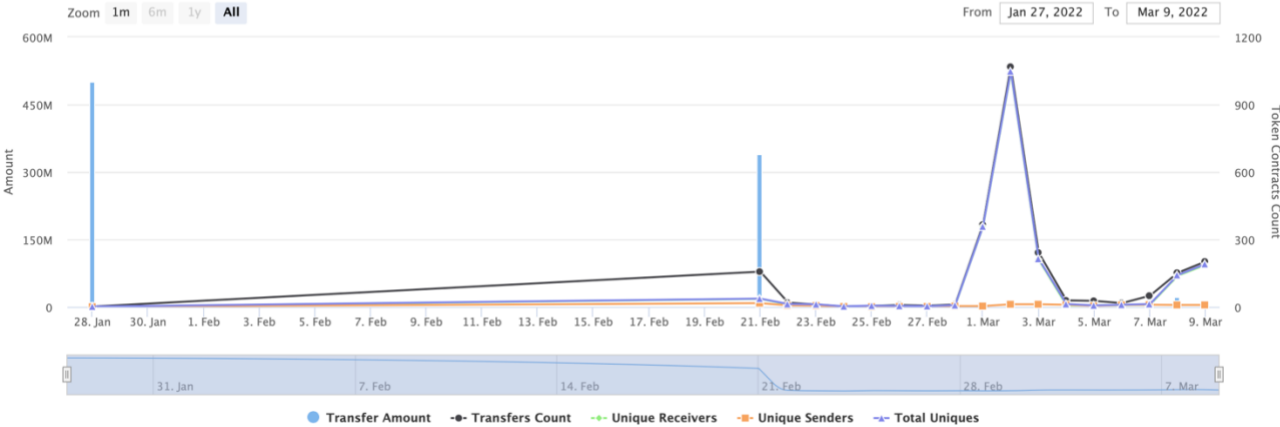
DOT Contract Interaction Details

Time Series: Token Contract Overview

Fri 28, Jan 2022 - Wed 9, Mar 2022

Token Contract 0x67fb98b7e8a501dFAa9c7b6481F48bB6b3cbb841 (DOT)

Source: BscScan.com



DOT Top 10 Token Holders

Rank	Address	Quantity (Token)	Percentage
1	0x5220eea70ad69ae140e0998c7fa05dbc509d2d50	297,500,000	59.5000%
2	0x0abffa1fecf167051d84a8f995eedcbe30a4cc1b	77,489,702.669064413849165995	15.4979%
3	PancakeSwap V2: DOT 57	55,730,789.337964982878319878	11.1462%
4	0xe4bc27d9f338678f27899dbfe1dae41b4b067a0e	16,218,871.565207945519192864	3.2438%
5	0x9b63d4b3c97d0c2e96b89781d329f067077ae8c2	7,998,565.264896329782736478	1.5997%
6	0xaaab1553421d2772f71b8ae1633ba4498320356eb	5,370,282.087692351093426565	1.0741%
7	0xa410cfb9c3771deedf1af80070b7504a1541813	3,201,578.818560628200835579	0.6403%
8	0xa74667f2f603cfeafa0a2722090a516c7a986e1	2,500,000	0.5000%
9	0xae6f95edc7dfddd125c163ba3cfece6a0e355a2	1,701,260.750464252719224272	0.3403%
10	0x0e70eaeefbeefc2ca6ef980034f7541645b37fb53	1,607,000	0.3214%



Contract functions details

+ Owned

- [Pub] changeOwnership #
 - modifiers: onlyOwner

+ BEP20

- [Pub] balanceOf
- [Pub] transfer #
- [Pub] transferFrom #
- [Pub] approve #
- [Pub] allowance
- [Int] _mint #
- [Int] _burn #
- [Int] _beforeTokenTransfer #

+ Dot (Owned, BEP20)

- [Pub] <Constructor> #
- [Ext] mint #
 - modifiers: onlyOwner
- [Ext] burn #
 - modifiers: onlyOwner

(\$) = 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.

Owner privileges (In the period when the owner is not renounced)

- Owner can mint any amount of tokens.
- Owner can burn self tokens.

Conclusion

Smart contracts do not contain high severity issues! Smart contracts do not fully support BEP20 standart.

Liquidity locking details NOT provided by the team.

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.



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