



# MOTECH AUDIT

SMART CONTRACT SECURITY AUDIT

**SECURITY ASSESSMENT**

# TITAN HUNTERS TOKEN AUDIT REPORT

2021

**12 JAN 2022**

## SECURITY ASSESMENT

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# SECURITY ASSESMENT

## SUMMARY

This report has been prepared for Titan Hunters to discover issues and vulnerabilities in the source code of the Titan Hunters project as well as any contract dependencies that were not part of an officially recognized library. A comprehensive examination has been performed, utilizing Static Analysis, Manual Review, and Test net Deployment techniques.

The auditing process pays special attention to the following considerations:

- Testing the smart contracts against both common and uncommon attack vectors.
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.

The security assessment resulted in findings that ranged from critical to informational. We recommend addressing these findings to ensure a high level of security standards and industry practices. We suggest recommendations that could better serve the project from the security perspective:

- Enhance general coding practices for better structures of source codes;
- Add enough unit tests to cover the possible use cases given they are currently missing in the repository;
- Provide more comments per each function for readability, especially contracts are verified in public;
- Provide more transparency on privileged activities once the protocol is live.



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# 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.



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# BACKGROUND

MotechAudit was commissioned by Titan Hunters to perform an audit of smart contracts:

<https://bscscan.com/address/0xA953736904e23Fafb42e353D412242089999999999>

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.



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## AUDIT DETAILS



### AUDITED PROJECT

Titan Hunters



### DEPLOYER ADDRESS

0xdc16e70C2b8a43952B89365437f07bB9D207B399



### CLIENT CONTACTS:

Titan Hunters team



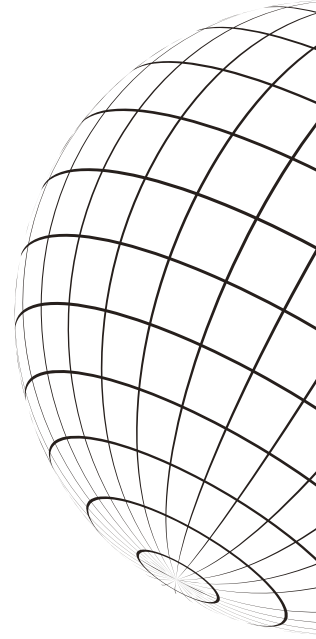
### BLOCKCHAIN

Binance Smart Chain Project



### WEBSITE:

<https://www.titanhunters.io/>

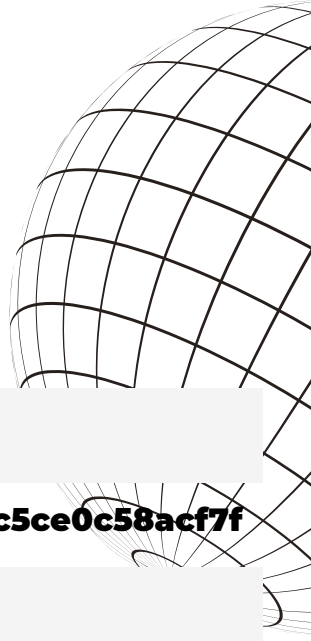


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# CONTRACT DETAILS

### Token contract details for Nov-15-2021



<b>Contract name</b>	<b>Titan Hunters</b>
<b>Contract address</b>	<b>0x0c1253a30da9580472064a91946c5ce0c58acf7f</b>
<b>Total supply</b>	<b>1,000,000,000 TITA</b>
<b>Token ticker</b>	<b>Titan Hunters (TITA)</b>
<b>Decimals</b>	<b>18</b>
<b>Token holders</b>	<b>13,245</b>
<b>Transactions count</b>	<b>146,642</b>
<b>Top 100 holders dominance</b>	<b>98.64%</b>
<b>Contract deployer address</b>	<b>0x80869CeF77E60312E09b89575e7486560fB51B08</b>
<b>Contract's current owner address</b>	<b>0x80869CeF77E60312E09b89575e7486560fB51B08</b>

## SECURITY ASSESSMENT

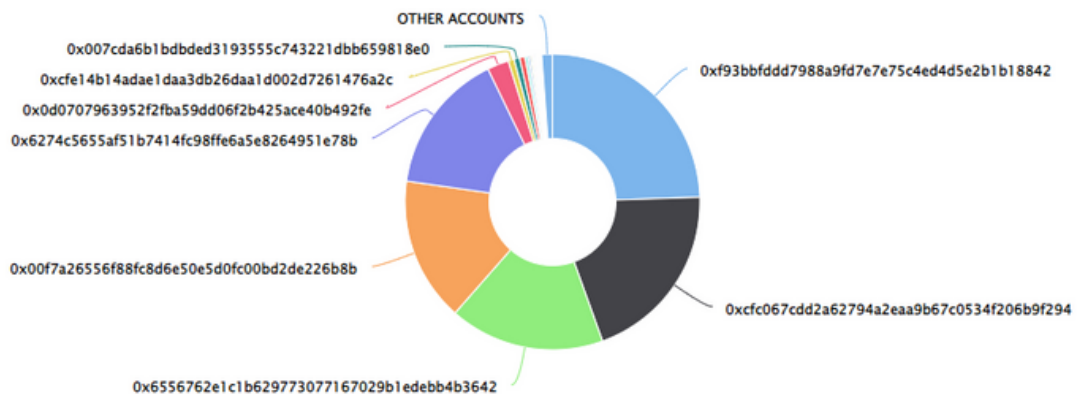
# TITAN HUNTERS TOKEN DISTRIBUTION

The top 100 holders collectively own 98.84% (988,395,780.63 Tokens) of Titan Hunters

Token Total Supply: 1,000,000,000.00 Token | Total Token Holders: 13,245

Titan Hunters Top 100 Token Holders

Source: BscScan.com



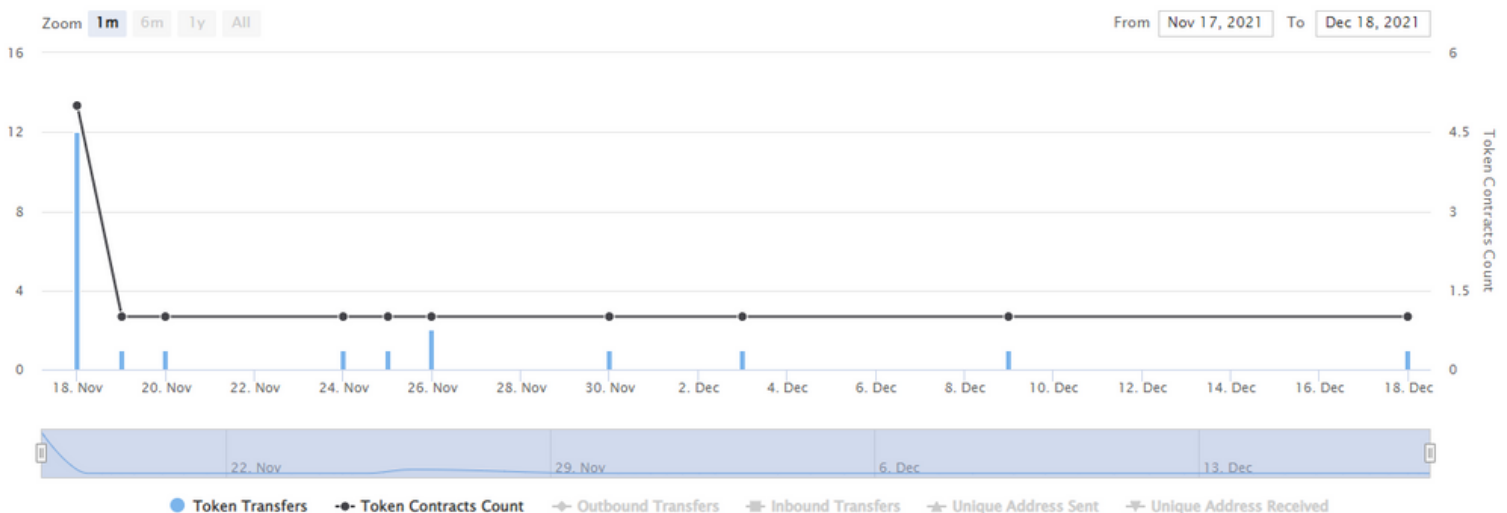
(A total of 988,395,780.63 tokens held by the top 100 accounts from the total supply of 1,000,000,000.00 token)

# TITAN HUNTERS TOKEN CONTRACT INTERACTION DETAILS

Time Series: Address Token (BEP-20) Transfers

Thu 18, Nov 2021 - Sat 18, Dec 2021

Token Transfers for 0x0c1253a30da9580472064a91946c5ce0c58acf7f  
Source: BscScan.com



















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# TOP 10 TOKEN HOLDERS

Rank	Address	Quantity	Percentage	Value	Analytics
1	 0xf93bbfddd7988a9fd7e7e75c4ed4d5e2b1b18842	244,965,000	24.4965%	\$31,936,576.98	
2	 0xcfc067cdd2a62794a2eaa9b67c0534f206b9f294	200,000,000	20.0000%	\$26,074,400.00	
3	 0x6556762e1c1b629773077167029b1edebb4b3642	170,000,000	17.0000%	\$22,163,240.00	
4	0x00f7a26556f88fc8d6e50e5d0fc00bd2de226b8b	157,735,353	15.7735%	\$20,564,273.44	
5	 0x6274c5655af51b7414fc98ffe6a5e8264951e78b	155,250,000	15.5250%	\$20,240,253.00	
6	0x0d0707963952f2fba59dd06f2b425ace40b492fe	23,580,383.190161804209667271	2.3580%	\$3,074,221.72	
7	0xcfe14b14adae1daa3db26daa1d002d7261476a2c	6,541,667	0.6542%	\$852,850.21	
8	0x007cda6b1bdbded3193555c743221dbb659818e0	6,250,000.5	0.6250%	\$814,825.07	
9	 0x8d16c1a3b5e681957d356235d6525fd7aa59544b	5,628,871.845601766497260764	0.5629%	\$733,847.28	
10	 PancakeSwap V2: TITA-BUSD 3	3,253,471.205377413434558268	0.3253%	\$424,161.55	

source:<https://bscscan.com/>



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# SECURITY ASSESSMENT

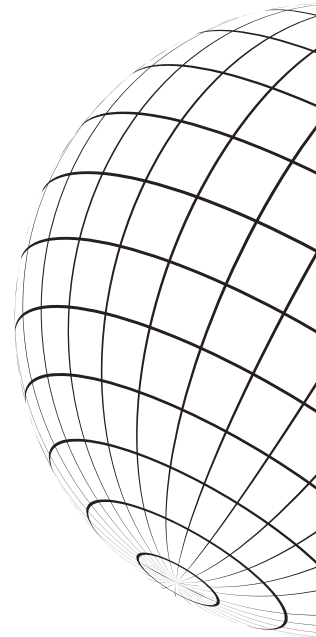
# SECURITY ISSUES

✓ Critical Severity Issues  
No high severity issues found.

✓ High Severity Issues  
No high severity issues found.

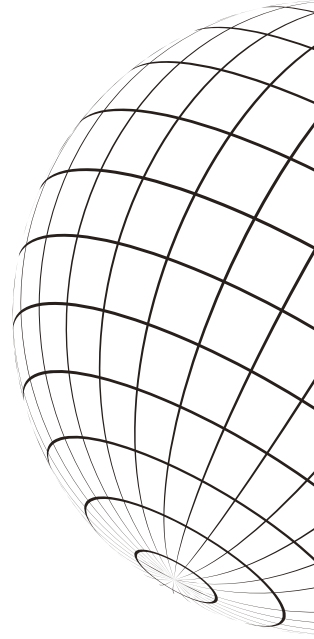
✓ Medium Severity Issues  
No high severity issues found.

✓ Low Severity Issues  
No high severity issues found.



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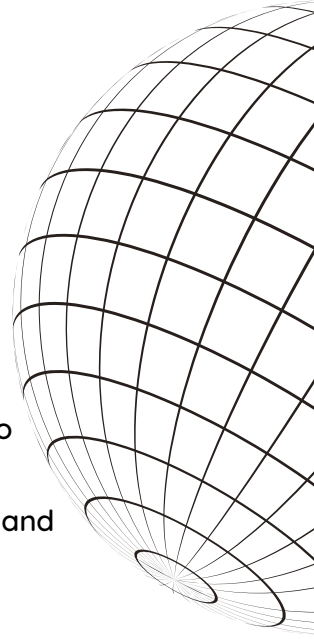
# SECURITY ASSESMENT TOKEN LOGO



# SECURITY ASSESMENT CONCLUSION

Smart contracts contain owner privileges!

Motech Audit 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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