MOTECH AUDIT

SMART CONTRACT SECURITY AUDIT

SECURITY ASSESSMENT

2021

ALLBRIDGE TOKEN AUDIT REPORT

1 DEC 2021

SECURITY ASSESMENT

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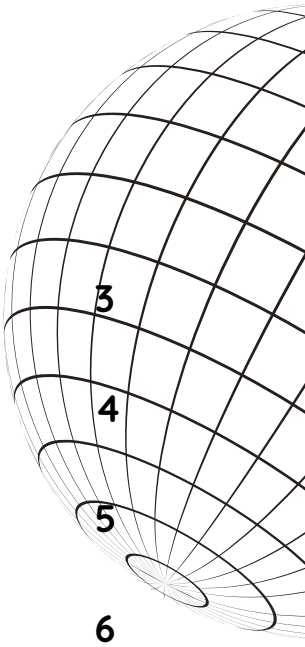


SECURITY ASSESMENT

SUMMARY

This report has been prepared for Allbridge smart contracts, to discover issues and vulnerabilities in the source code of their Smart Contract as well as any contract dependencies that were not part of an officially recognized library. A comprehensive examination has been performed, utilizing Static Analysis and Manual Review techniques.

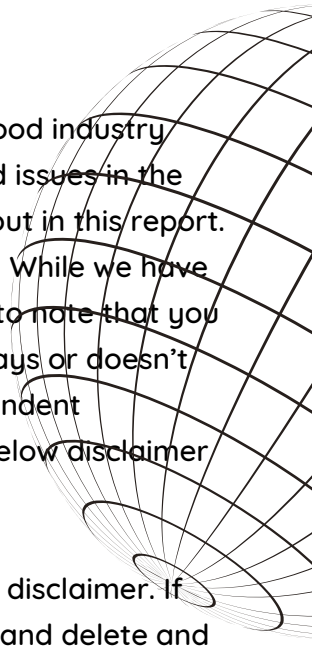
The auditing process pays special attention to the following considerations:

- 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 producedby 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.

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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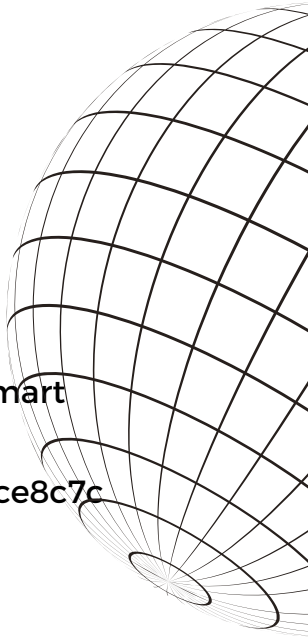
BACKGROUND



MotechAudit was commissioned by Allbridge to perform an audit of smart contracts:
https://etherscan.io/address/0xa11bd36801d8fa4448f0ac4ea7a62e3634ce8c7c
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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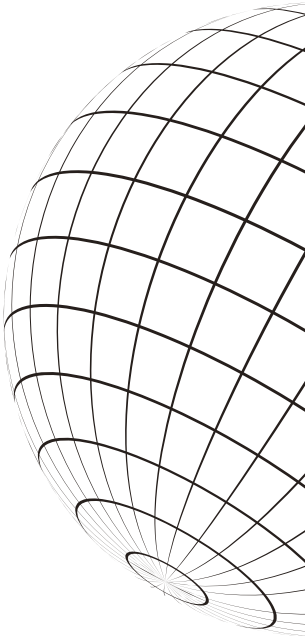
AUDIT DETAILS



AUDITED PROJECT

Allbridge

DEPLOYER ADDRESS

0x5B9e5a35F1DF6F8683Fb429763775D9D873E100c

CLIENT CONTACTS:

Allbridge Team

BLOCKCHAIN

Ethereum Project

WEBSITE:

https://www.sekuritance.com/

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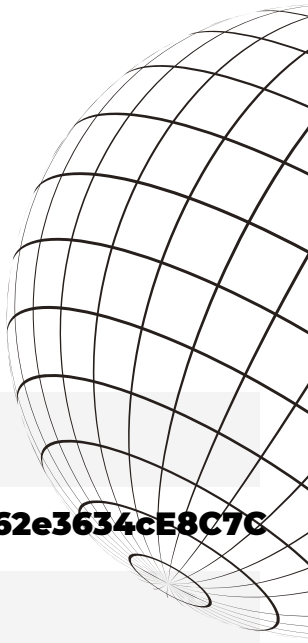
CONTRACT DETAILS



Token contract details for Sep-05-2021

Contract name	**Allbridge**
Contract address	**0xa11bD36801d8fa4448F0ac4ea7A62e3634cE8C7C**
Total supply	**100,000,000 ABR**
Token ticker	**Allbridge (ABR)**
Decimals	**18**
Token holders	**208**
Transactions count	**2,171**
Top 100 holders dominance	**99.9868%**
Contract deployer address	**0x5B9e5a35F1DF6F8683Fb429763775D9D873E100c**
Contract's current owner address	**0x5B9e5a35F1DF6F8683Fb429763775D9D873E100c**

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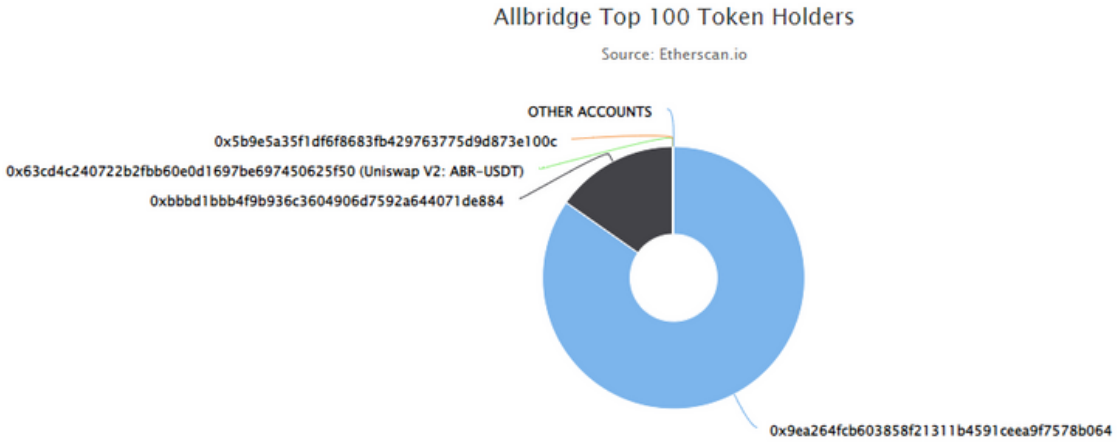
ALLBRIDGETOKEN DISTRIBUTION

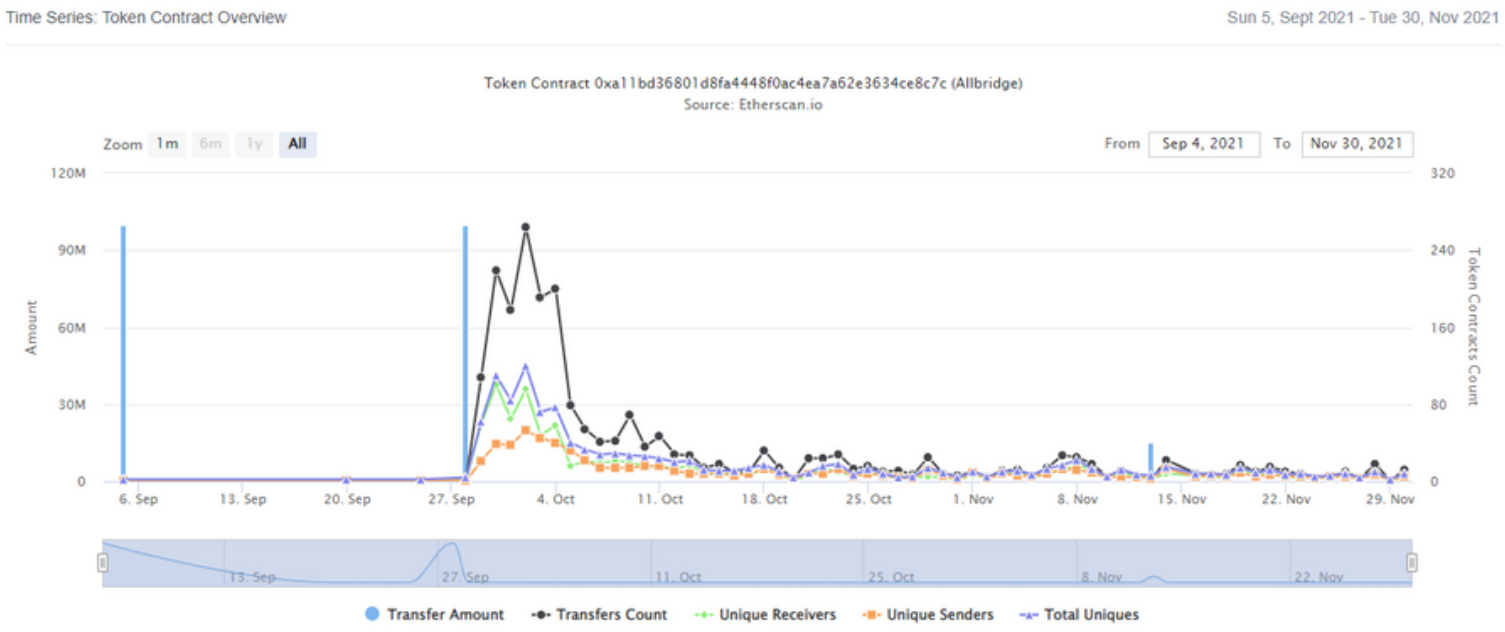
The top 100 holders collectively own 100.00% (99,995,792.98 Tokens) of Allbridge

Token Total Supply: 100,000,000.00 Token | Total Token Holders: 208



(A total of 99,995,792.98 tokens held by the top 100 accounts from the total supply of 100,000,000.00 token)

ALLBRIDGE TOKEN CONTRACT INTERACTION DETAILS



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TOP 10 TOKEN HOLDERS

Rank	Address	Quantity	Percentage	Analytics
1	0x9ea264fcb603858f21311b4591ceea9f7578b064	84,728,081.773800175601402263	84.7281%	
2	0xbbbd1bbb4f9b936c3604906d7592a644071de884	15,184,165.77740624330522025	15.1842%	
3	Uniswap V2: ABR-USDT	27,103.258947450340852559	0.0271%	
4	0x5b9e5a35f1df6f8683fb429763775d9d873e100c	11,541.067663419213830931	0.0115%	
5	0xa4e98a676607aca4b4bc2e018cba66cbec45cfde	2,437.965072703516421594	0.0024%	
6	0x27cb0ccbf02313379f2b8aa8a9c07d32239f6e8a	2,128.889704241046881491	0.0021%	
7	hype.eth	2,086.018832178603070838	0.0021%	
8	0x1addec197b4aaf59fdd65fdc5e1a532cf652e85a	1,516	0.0015%	
9	0xbae655d3bbc6de4d4e1547c3daad875b02173918	1,477.591931965006211478	0.0015%	
10	0x2aea65b870cf824e3d429415b43a24ddb65c1b92	1,296.812213777425499508	0.0013%	

source:https://etherscan.io/

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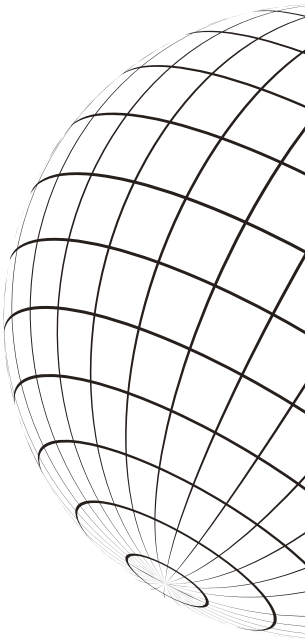
SECURITY ISSUES



High Severity Issues

No high severity issues found.

Medium Severity Issues

No high severity issues found.

Low Severity Issues

No high severity issues found.

Lowest / Code style / Best Practice Severity Issues

Proxy contract used for deploying wrapped token is not optimal from the gas usage point of view.

When proxy contracts are used gas usage will be higher for each call, which in the context of these contracts meaning users paying more for each token transfer.

Customer's response: Typically the tokens we add have a main token on Ethereum and wrapped tokens on other EVM blockchains, where transaction fee is not as important as on Ethereum.

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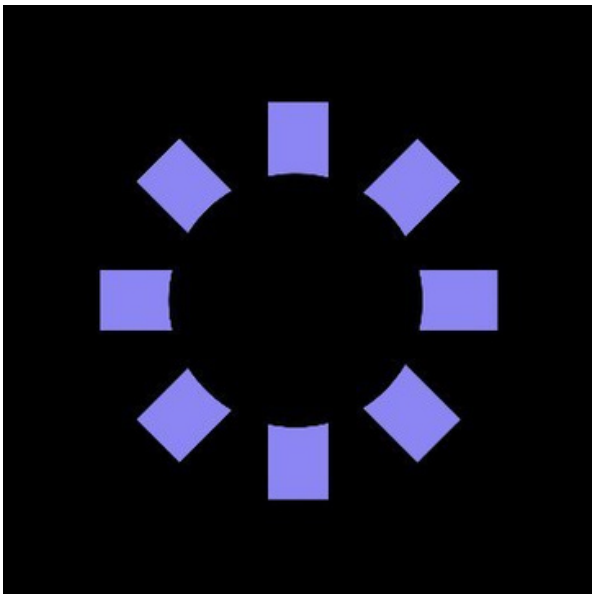
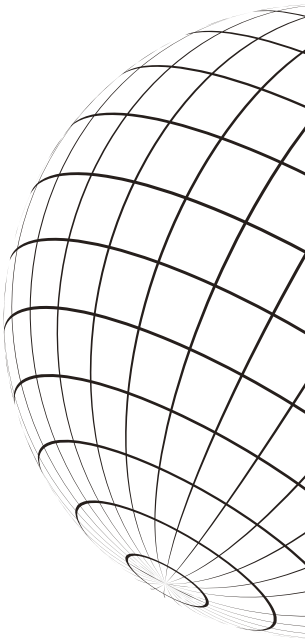
TOKEN LOGO





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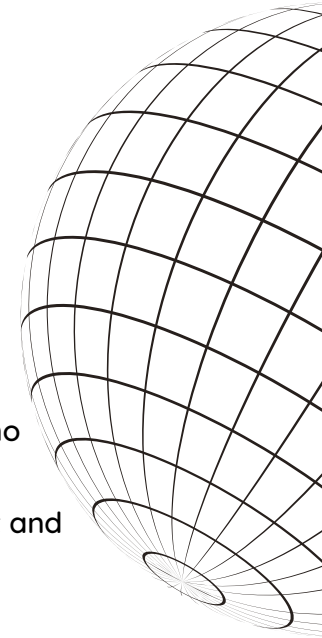
CONCLUSION



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.