



DesuFi
BLOCKCHAIN SERVICES

Smart Contract Audit

Arbinu



February 13th, 2023

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Overview

`Arbinu` is a token launched on the Arbitrum. The objective of this report is to analyze their smart contract's features and disclose potential vulnerabilities and risks.

Name	Arbinu
Website	https://www.arbinucoin.com
Token Name	Arbinu
Token Symbol	ARBINU
Blockchain	Arbitrum
Address	0xdd8e557c8804d326c72074e987de02a23ae6ef84

Contract Issues

Compiler errors	Passed
Oracle calls	Passed
Emit function fidelity	Passed
Timestamp dependence	Passed
DoS with revert	Passed
DoS with block gas limit	Passed
Private data leaks	Passed
Safe OpenZeppelin usage	Passed
Fallback functions	Passed
Timestamp dependency	Passed

Summary

No contract issues have been identified.

Security Issues

Exploits

Dangerous vulnerabilities that will lead to loss of funds and or impairment of the contract and its functions.

No issues present.

Function Bugs

Significant bugs or mistakes with isolated impact, affecting only specific functions of the contract without compromising overall functionality.

No issues present.

Trivial Mistakes

Syntax or spelling mistakes that are of no consequence to the functionality of the contract.

No issues present.

Summary

No security issues have been identified.

Team Privileges

Tradability

Some smart contracts may contain functions that can freeze all swaps.

Trading cannot be frozen by the team.

Minting

Minting new tokens post-launch can plummet the value of existing tokens.

Team cannot mint new tokens.

Blacklisting

Blacklisting can prevent wallets from swapping the tokens that they hold.

Contract does not have a blacklisting function.
Team cannot prevent individual wallets from trading.

Tax Levels

Excessive taxation can decrease or in some cases eliminate all trader profits.

Owner can change the buy tax, however ownership has been renounced.
Owner can change the sell tax, however ownership has been renounced.

Summary

The team has no control over the contract since ownership is renounced.

Contract Features

- ❖ Each transaction is taxed.
- ❖ Taxed tokens are sent to the dev wallet.
- ❖ Owner could set tax rate.
- ❖ Owner could set maximum transaction and maximum wallet limits.
- ❖ Owner could exclude addresses from max transaction and max wallet limits.

Summary

The contract functions as intended and contains no misbranded features.

Final Review

No contract issues have been identified.

No security issues have been identified.

The team has no control over the contract since ownership is renounced.

Contract features are clear and they work as intended.





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