

20200201 Simple Audit Report

github.com/artl-dev/protocol

DISCLAIMER

The audit makes no statements or guarantee about utility of the code, safety of the code, regulatory regime for the business model, or any other statements about fitness of the contracts to purpose, or their bugfree status. The audit documentation is for discussion purposes only. We always recommend having a bug bounty program opened to detect future bugs.

AUDIT DETAILS

Data privacy, data leaking	PASS
Correctness of the protocol implementation	PASS
Overflow issue	PASS
Correctly passing requests to the network core	PASS
Susceptible to reentrancy attack	PASS
Gas optimization	PASS
Mismanagement of funds via transactions	PASS
Special token issuance model	PASS
Race condition	PASS

No critical bug, only minor suggestions here:

1. ``require(msg.sender == strategist, "!strategist");`` can use modifier to make it more flexible.
2. `"!strategist"` can be changed to `"Not strategist"` to make it more readable.