



TechRate
AUDIT COMPANY

Smart Contract Security Audit

TechRate

November, 2021

Audit Details



Audited project

SoldiersLand



Deployer address

0x186990e28ca11c7ac7032c36a133c0bc4964f623



Client contacts:

SoldiersLand team



Blockchain

Binance Smart Chain



Project website:

<https://soldiersland.com>

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 SoldiersLand to perform an audit of smart contracts:

<https://bscscan.com/address/0x24519018513a71f83951336b990098de978f5bad#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 14.11.2021

Contract name	SoldiersLand
Contract address	0x24519018513a71f83951336B990098dE978F5Bad
Total supply	1,150,000,000
Token ticker	SLD
Decimals	18
Token holders	1,014
Transactions count	3,224
Top 100 holders dominance	100.00%
Contract deployer address	0x186990e28ca11c7ac7032c36a133c0bc4964f623

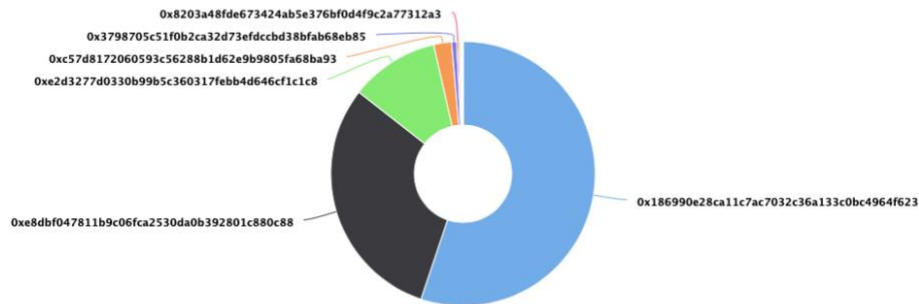
SoldiersLand Token Distribution

The top 100 holders collectively own 99.95% (1,149,441,587.22 Tokens) of SoldiersLand

Token Total Supply: 1,150,000,000.00 Token | Total Token Holders: 1,014

SoldiersLand Top 100 Token Holders

Source: BscScan.com



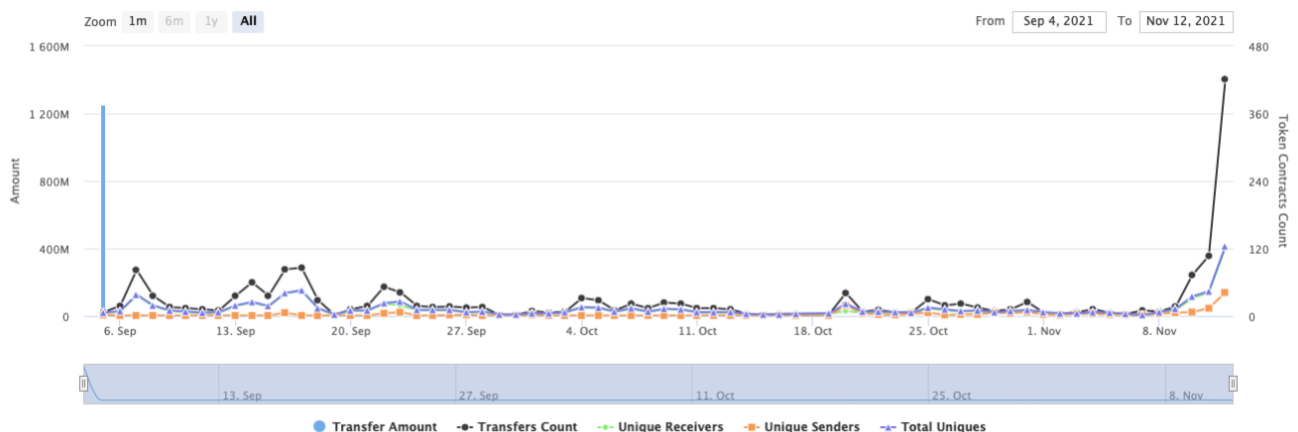
(A total of 1,149,441,587.22 tokens held by the top 100 accounts from the total supply of 1,150,000,000.00 token)

SoldiersLand Contract Interaction Details


Time Series: Token Contract Overview

Sun 5, Sept 2021 - Fri 12, Nov 2021

Token Contract 0x24519018513a71f83951336b990098de978f5bad (SoldiersLand)
Source: BscScan.com



SoldiersLand Top 10 Token Holders

Rank	Address	Quantity (Token)	Percentage
1	0x186990e28ca11c7ac7032c36a133c0bc4964f623	634,423,589.800729184833688439	55.1673%
2	0xe8dbf047811b9c06fca2530da0b392801c880c88	349,700,000	30.4087%
3	0xe2d3277d0330b99b5c360317febb4d646cf1c1c8	125,000,000	10.8696%
4	0xc57d8172060593c56288b1d62e9b9805fa68ba93	25,000,000	2.1739%
5	0x3798705c51f0b2ca32d73efdccb38bfab68eb85	7,000,000	0.6087%
6	0x8203a48fde673424ab5e376bf0d4f9c2a77312a3	3,000,000	0.2609%
7	 0x0546a7d09f1dc6788347a705f1b1bde3cbcec2a9	2,582,735.623472222222222316	0.2246%
8	0x594e4a5d925a10e26c996e0c644f13b28678ffa1	279,670.225973540758315341	0.0243%
9	0x71124e4f10ef16759651c003d2b590a4cf1317c	279,388.82400000003699852	0.0243%
10	0x47438c352e1b10535545efd186da5a809cfc634e	178,376.198000000003566524	0.0155%



Contract functions details

+ [Int] IERC20Metadata (IERC20)

- [Ext] name
- [Ext] symbol
- [Ext] decimals

+ [Int] IERC20

- [Ext] totalSupply
- [Ext] balanceOf
- [Ext] transfer #
- [Ext] allowance
- [Ext] approve #
- [Ext] transferFrom #

+ Context

- [Int] _msgSender
- [Int] _msgData

+ ERC20 (Context, IERC20, IERC20Metadata)

- [Pub] <Constructor> #
- [Pub] name
- [Pub] symbol
- [Pub] decimals
- [Pub] totalSupply
- [Pub] balanceOf
- [Pub] transfer #
- [Pub] allowance
- [Pub] approve #
- [Pub] transferFrom #
- [Pub] increaseAllowance #
- [Pub] decreaseAllowance #
- [Int] _transfer #
- [Int] _mint #
- [Int] _burn #
- [Int] _approve #
- [Int] _beforeTokenTransfer #
- [Int] _afterTokenTransfer #

+ ERC20Burnable (Context, ERC20)

- [Pub] burn #
- [Pub] burnFrom #

+ SoldiersLand (ERC20Burnable)

- [Pub] <Constructor> #
- modifiers: ERC20

(\$) = 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.

Conclusion

Smart contracts do not contain high severity issues! Liquidity pair contract's security is not checked due to out of scope.

Liquidity locking details are **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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