



# Smart Contract Security Audit Report

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## Blockchain Land

May 2022

Security Status



[www.hacksafe.io](https://www.hacksafe.io)



# Audit Details



## Audited project

Blockchain Land



## Deployer address

0xFACE67a28694fe815c5EFB46b32B0506d0f6b568



## Client contacts

Blockchain Land



## Blockchain

Binance smart chain



## Website

<http://blockchain.land/>



# 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

**HackSafe was commissioned by Blockchain Land to perform an audit of smart contracts:**

- <https://bscscan.com/address/0x471a5e862af35d2148bd8b505b361b1ddf5ffef1#code>



# Contract Details

## Token contract details for 18.05.2022

Contract name	: Token
Contract address	: 0x471A5e862af35D2148bd8b505b361b1DDf5fFef1
Total supply	: 7,210,000,000
Token Ticker	: BCL
Decimals	: 18
Token Holders	: 1 address
Transactions count	: 1
Contract deployer address	: 0xFACE67a28694fe815c5EFB46b32B0506d0f6b568

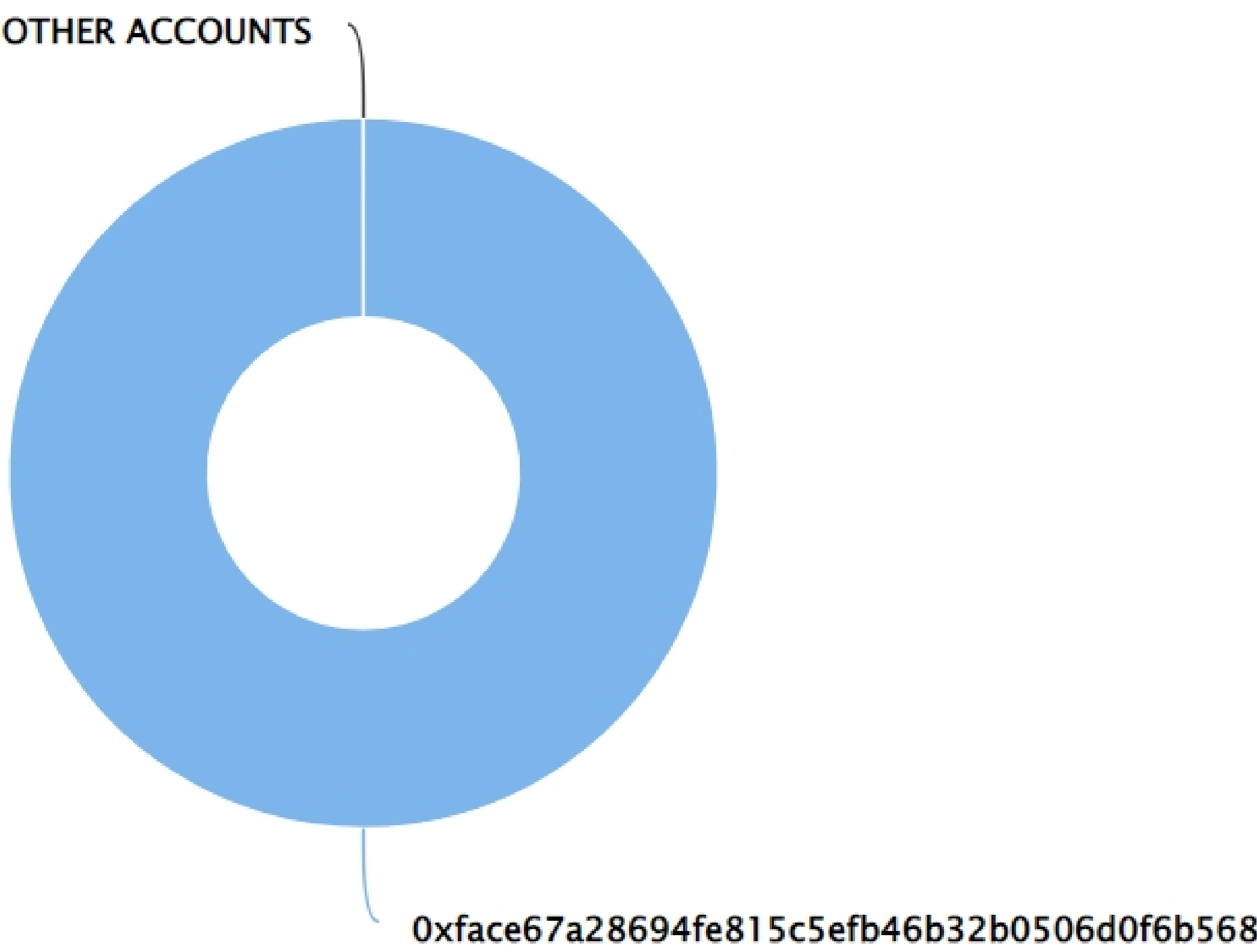
# Blockchain Land Token Distribution

The top 100 holders collectively own 100.00% (7,210,000,000.00 Tokens) of Blockchain Land

Token Total Supply: 7,210,000,000.00 Token | Total Token Holders: 1

## Blockchain Land Top 100 Token Holders

Source: BscScan.com



(A total of 7,210,000,000.00 tokens held by the top 100 accounts from the total supply of 7,210,000,000.00 token)

## Blockchain Land Top 1 Token Holders

(A total of 7,210,000,000.00 tokens held by the top 100 accounts from the total supply of 7,210,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0xface67a28694fe815c5efb46b32b0506d0f6b568	7,210,000,000	100.0000%

# Contract functions details

## + [Int] IERC20

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

## + [Int] IERC20Metadata (IERC20)

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

## + Context

- [Int] \_msgSender

## + ERC20 (Context, IERC20, IERC20Metadata)

- <constructor> #
- [Pub] lockvalue #
- [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] \_spendAllowance #
- [Int] \_beforeTokenTransfer
- [Int] \_afterTokenTransfer

# Contract functions details

+ Token (ERC20)

-<constructor> #

-[Pub] mint #

-modifiers: onlyOwner

-[Pub] burn #

(\$) = payable function

# = non-constant function



# Issues Checking Status

No.	Title	Status
1.	Unlocked Compiler Version	Passed
2.	Missing Input Validation	Passed
3.	Race conditions and Reentrancy. Cross-function race conditions.	Passed
4.	Possible delays in data delivery	Passed
5.	Oracle calls.	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.	Private use data leaks.	Passed
13.	Malicious Event log.	Passed
14.	Scoping and Declarations.	Passed
15.	Uninitialized storage pointers.	Passed
16.	Arithmetic accuracy.	Passed
17.	Design Logic.	Passed
18.	Safe Open Zeppelin contracts implementation and usage.	Passed
19.	Incorrect Naming State Variable	Passed

# Severity Definitions

Risk Level	Description
Critical	Critical vulnerabilities are usually straightforward to exploit and can lead to assets loss or data manipulations.
High	High-level vulnerabilities are difficult to exploit; however, they also have a significant impact on smart contract execution, e.g., public access to crucial functions
Medium	Medium-level vulnerabilities are important to fix; however, they can't lead to assets loss or data manipulations.
Low	Low-level vulnerabilities are mostly related to outdated, unused, etc. code snippets that can't have a significant impact on execution.

# Security Issues

## ✔ Critical Severity Issues

No critical severity issue found.

## ✔ High Severity Issues

No high severity issue found.

## ✔ Medium Severity Issues

No medium severity issues found.

## ✔ Low Severity Issues

No low severity issue found.



# Owner Privileges

## Owner Privileges :

- Blockchain Land Contract
  - Owner can mint tokens till maximum supply.
  - Owner can lock values.

# Conclusion

Smart contract contains no severity issues! The further transfer and operations with the fund raised are not related to this particular contract.

HackSafe 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.