



Smart Contract Security Audit Report

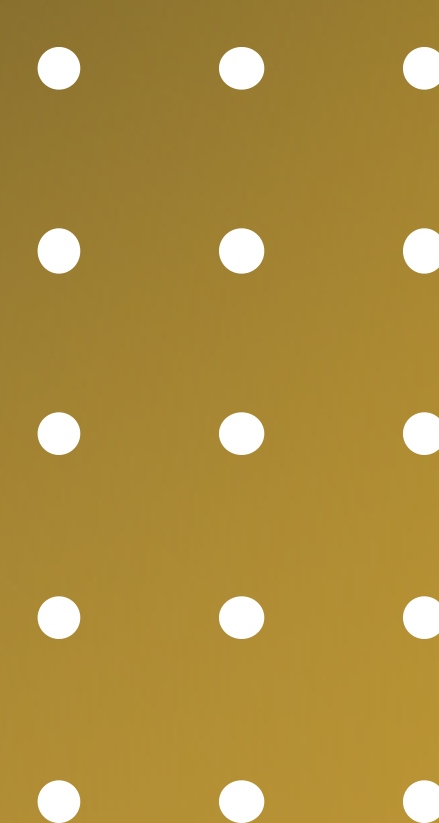
Space Shib

May 2022

Security Status



www.hacksafe.io



Audit Details



Audited project

Space Shib



Deployer address

0x863b49ae97c3D2A87Fd43186dfd921F42783C853



Client contacts

space shib team



Blockchain

Binance smart chain



Website

<https://spaceshib.co/>

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

HeckSafe was commissioned by spaceshib to perform an audit of smart contracts:

- <https://bscscan.com/address/0xd95Ef50d1EddD977765D8A370A7e464Fc46Cb4a9#code>

Contract Details

Token contract details for 07.05.2022

Contract name	: ENMT
Contract address	: 0xd95Ef50d1EddD977765D8A370A7e464Fc46Cb4a9
Total supply	: 1,000,000,000,000
Token Ticker	: SPACESHIB
Decimals	: 9
Token Holders	: 831
Transactions count	: 32,344
Contract deployer address	: 0x863b49ae97c3D2A87Fd43186dfd921F42783C853

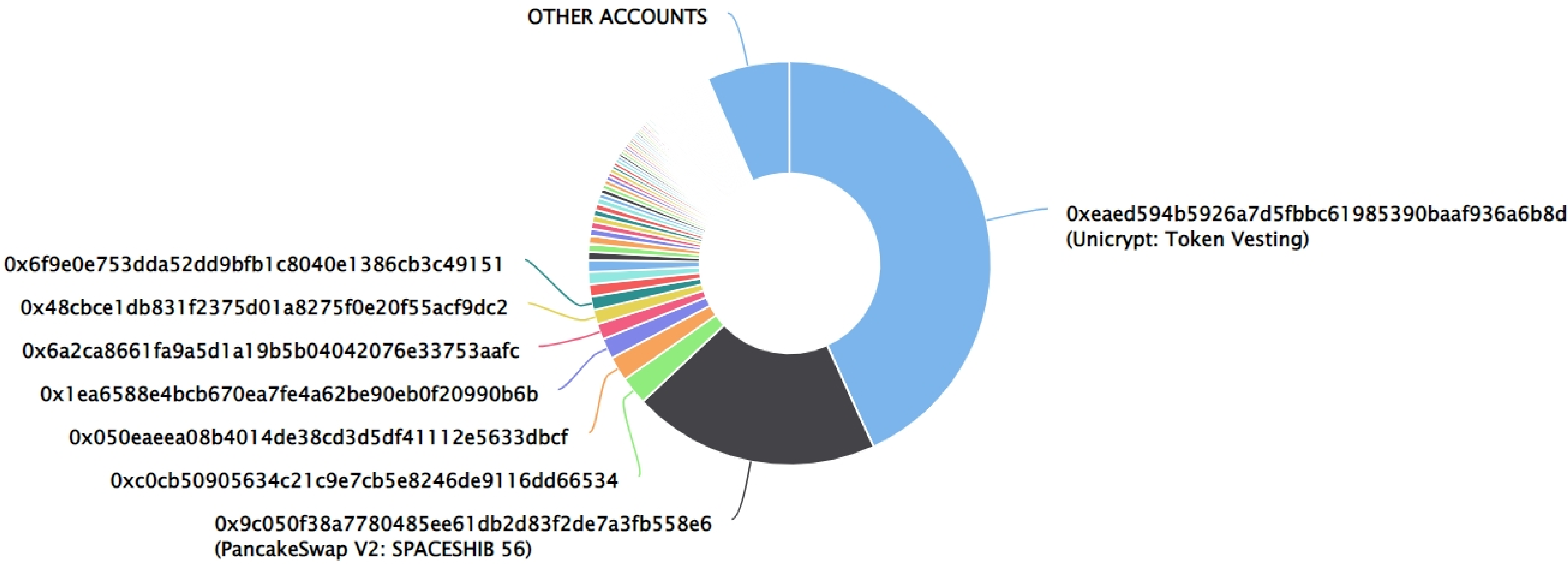
SpaceShib Token Distribution

The top 100 holders collectively own 93.35% (933,514,778,198.17 Tokens) of SPACESHIB

Token Total Supply: 1,000,000,000,000.00 Token | Total Token Holders: 829



SPACESHIB Top 100 Token Holders

Source: BscScan.com



SpaceShib Top 10 Token Holders

(A total of 743,287,150,491.72 tokens held by the top 10 accounts from the total supply of 1,000,000,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	 Unicrypt: Token Vesting	431,648,999,456.729661757	43.1649%
2	 PancakeSwap V2: SPACESHIB 56	198,296,924,767.92563001	19.8297%
3	0xc0cb50905634c21c9e7cb5e8246de9116dd66534	22,477,600,564.125233588	2.2478%
4	0x050eaeaa08b4014de38cd3d5df41112e5633dbcf	19,852,626,750.787602959	1.9853%
5	0x1ea6588e4bcb670ea7fe4a62be90eb0f20990b6b	16,342,626,085.315487923	1.6343%
6	0x6a2ca8661fa9a5d1a19b5b04042076e33753aafc	12,641,369,325.224369843	1.2641%
7	0x48cbce1db831f2375d01a8275f0e20f55acf9dc2	11,594,803,995	1.1595%
8	0x6f9e0e753dda52dd9bfb1c8040e1386cb3c49151	10,589,831,611.664790563	1.0590%
9	0xe70ca3720612fccb6ea213e2c5b282df1035a26c	9,923,833,029.535495568	0.9924%
10	0xb358985f03d84e5a6c4f872cf111bcca0555763c	9,918,534,905.407448825	0.9919%

Contract functions details

ENMT.sol

+ ENMT (IERC20)

- <constructor> #
- [Pub] decimals
- [Pub] burn #

Context.sol

+ context

- [Int] _msgSender
- [Int] _msgData

ERC20.sol

+ ERC20 (Context, IERC20)

- <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

Contract functions details

IERC20.sol

+ [Int] IERC20

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

(\$) = payable function

= non-constant function

Issues Checking Status

No.	Title	Status
1.	Unlocked Compiler Version	Low issue
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

One low severity issue found.

1. Unlocked Compiler Version.

- **Description**

The contract utilizes an unlocked compiler version. An unlocked compiler version in the contract's source code permits the user to compile it at or above a particular version. This, in turn, leads to differences in the generated bytecode between compilations due to differing compiler version numbers. This can lead to ambiguity when debugging as compiler-specific bugs may occur in the codebase that would be difficult to identify over a span of multiple compiler versions rather than a specific one.

- **Recommendation**

We advise to use only one compiler version instead multi pragma which is alternatively locked at the lowest version possible so that the contract can be compiled. Use following line instead of pragma solidity ^0.8.0;

```
pragma solidity 0.8.0;
```


Conclusion

Smart contract contains one low 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.