



SMART CONTRACT SECURITY AUDIT

November 2021
Virtual Trading Solutions LLC

Audit details



Audited project

NIL



Deployer address

<https://etherscan.io/>

address/0xdc86a87747bb29bacbc33c368b4822a658631e9b



Client contacts

Rich Swier (Upwork)



Blockchain

Ethereum Network



Project website

<https://nilcoins.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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Background

VTS was commissioned by Rich Swier to perform an audit of smart contracts:

```
https://testnet.bscscan.com/  
address/0x08E97D91f0F56893d781479baCc198f73bE40F4f#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 November 2021.

Contract Name

NIL

Top 100 holders dominance

0%

Total Supply

1,000,000,000,000

Reflection fee

5%

Token Ticker

NIL

Liquidity fee

5%

Decimals

8

Burn fee

5%

Token Holders

0

Decentralized Pairs

NIL

Transactions count

0%

Contract deployer address

0x51049066d8ce32D647c6e5E5a92E037040a7f70D

Contract's current owner address

0xDc86a87747bB29BACBc33c368B4822A658631e9B

NIL Token Distribution

No Data Provided

NIL Contract Interaction Details

No Data Provided

NIL TOP 10 Token Holders

No Data Provided

Main Source File

Nil.sol

DETECTED VULNERABILITIES

| HIGH | MEDIUM | LOW |
|------|--------|-----|
| 0 | 0 | 2 |

ISSUES

LOW - A floating pragma is set.

The current pragma Solidity directive is `^0.8.9`. It is recommended to specify a fixed compiler version to ensure that the bytecode produced does not vary between builds. This is especially important if you rely on bytecode-level verification of the code.

SWC-103 <https://swcregistry.io/docs/SWC-103>

Source file: nil.sol

Locations:

```
16 | */
17 |
18 | pragma solidity ^0.8.9;
19 |
20 | // SPDX-License-Identifier: Unlicensed
```

LOW - State variable visibility is not set.

It is best practice to set the visibility of state variables explicitly. The default visibility for "botscantrade" is internal. Other possible visibility settings are public and private.

SWC-108 <https://swcregistry.io/docs/SWC-108>

Source file: nil.sol

Locations:

```
922 | mapping(address => bool) public whitelist;  
923 |  
924 | bool botscantrade = false;  
925 |  
926 | bool public canTrade = false;
```

LOW - State variable visibility is not set.

It is best practice to set the visibility of state variables explicitly. The default visibility for "inSwapAndLiquify" is internal. Other possible visibility settings are public and private.

SWC-108 <https://swcregistry.io/docs/SWC-108>

Source file: nil.sol

Locations:

```
940 | address public immutable uniswapV2Pair;  
941 |  
942 | bool inSwapAndLiquify;  
943 | bool public swapAndLiquifyEnabled = true;  
944 |
```

Conclusion

Smart contracts contain low severity issues

VTS 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.