ApeAudits

Presents

PROANUS

Smart Contract Security Audit

Date 21/June/2021

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.

Purpose:

This document details ApeAudits' findings and recommended solutions. This audit was performed on June 20, 2021.

Token Name	PROANUS
Token Symbol	ANUS
Contract Address	0x177c2cfe27db0f0358ca93c3a6d907db83e7f958
Etherscan Link	https://etherscan.io/token/0x177c2cfe27db0f0358ca93c3a6d907db83e7f958
Liquidity Lock Transaction	https://team.finance/view-coin/0x177c2cfe27db0f0358ca93c3a6d907db83e7f958
Ownership Renounce Transaction	https://etherscan.io/tx/0xf5a6b24acdf22155d84fccd6c3b420f956383d4044b77bd5cad7bf947b47dae7

Findings

NO.	Audit Items	Audit Subclass	Audit Subclass Result
1	Overflow Audit.	N/A	Passed
2	Race Conditions Audit	N/A	Passed
3	Authority Control Audit	Permission Vulnerability Audit Excessive Auditing Authority	Passed Passed
4	Safe Design Audit	Zeppelin Module Safe Compiler Version Hard-Coded Version Fallback Function Safeuse Show Coding Security Function Return Value Security Call Function Security.	Passed Passed Passed Passed Passed Passed Passed
5	Denial of Service Audit	N/A	Passed
6	Gas Optimization Audit	N/A	Passed
7	Design Logic Audit	N/A	Passed
8	Malicious Event Log Audit	N/A	Passed
9	“False Deposit” Vulnerability Audit	N/A	Passed
10	Uninitialized Storage Pointers Audit	N/A	Passed
11	Arithmetic Accuracy Deviation Audit	N/A	Passed

Audit Result: Passed

Audit Date: June 21st of 2021

Proanus.sol

High Severity Issues:

- None Found.

Medium Severity Issues:

- None Found.

Low Severity Issues:

- None Found

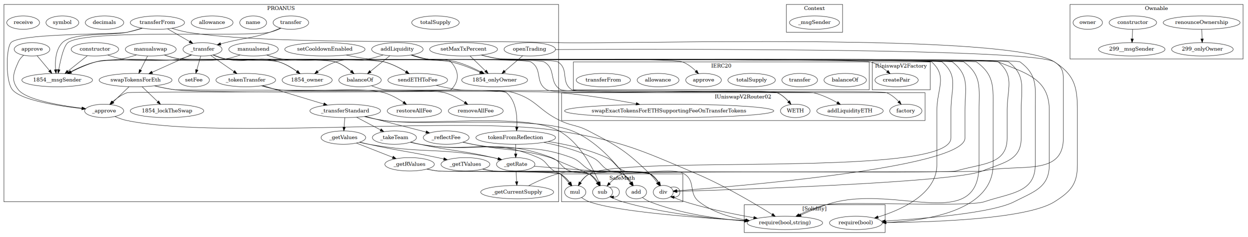
Conclusion:

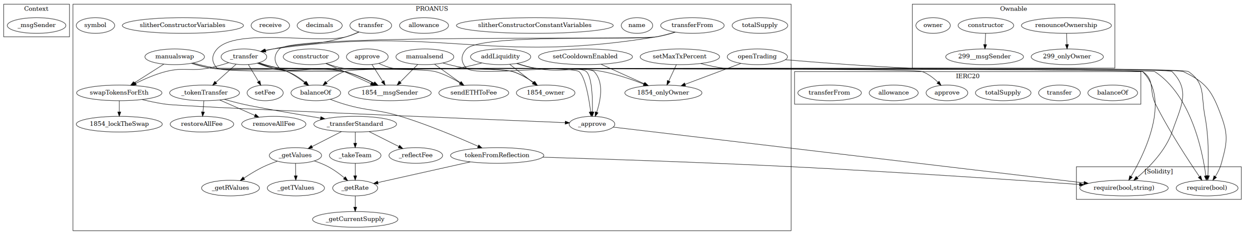
Smart Contract contain low severity issues. No medium and high severity issues were detected. LP locking details not provided by team.

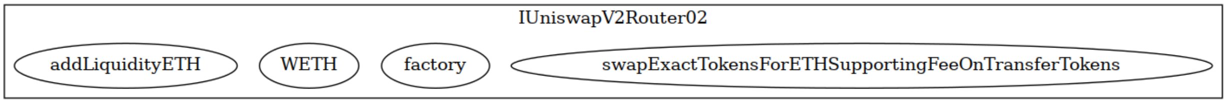
Ape Auditor's Remider:

Please check the disclaimer and above and note, the audit makes no statement or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mention in the report and does not include any other potential contacts by the Owner.

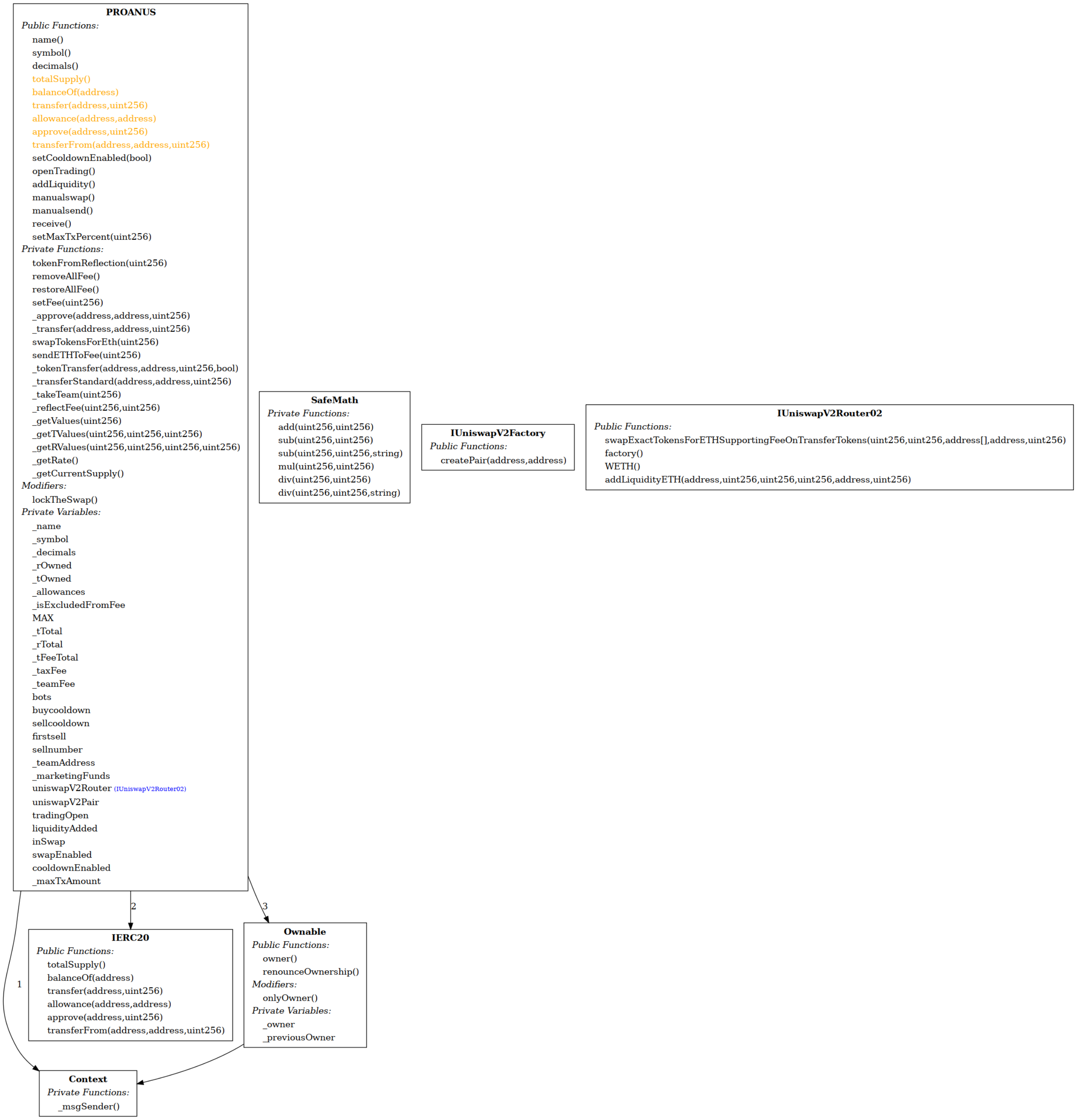
Appendix A - Call Graph







Appendix B - Inheritance Graph



Appendix C - Function Information

+ Contract IERC20

  - From IERC20

    - allowance(address,address) (external)

    - approve(address,uint256) (external)

    - balanceOf(address) (external)

    - totalSupply() (external)

    - transfer(address,uint256) (external)

    - transferFrom(address,address,uint256) (external)

+ Contract SafeMath (Most derived contract)

  - From SafeMath

    - add(uint256,uint256) (internal)

    - div(uint256,uint256) (internal)

    - div(uint256,uint256,string) (internal)

    - mul(uint256,uint256) (internal)

    - sub(uint256,uint256) (internal)

    - sub(uint256,uint256,string) (internal)

+ Contract Ownable

  - From Context

    - _msgSender() (internal)

```
 - From Ownable
   - constructor() (public)
   - owner() (public)
   - renounceOwnership() (public)

+ Contract IUniswapV2Factory (Most derived contract)
 - From IUniswapV2Factory
   - createPair(address,address) (external)

+ Contract IUniswapV2Router02 (Most derived contract)
 - From IUniswapV2Router02
   - WETH() (external)
   - addLiquidityETH(address,uint256,uint256,uint256,address,uint256) (external)
   - factory() (external)
   -
swapExactTokensForETHSupportingFeeOnTransferTokens(uint256,uint256,address[],address,ui
nt256) (external)

+ Contract PROANUS (Most derived contract)
 - From Ownable
   - constructor() (public)
   - owner() (public)
```

  - renounceOwnership() (public)

- From Context

  - _msgSender() (internal)

- From PROANUS

  - _approve(address,address,uint256) (private)

  - _getCurrentSupply() (private)

  - _getRValues(uint256,uint256,uint256,uint256) (private)

  - _getRate() (private)

  - _getTValues(uint256,uint256,uint256) (private)

  - _getValues(uint256) (private)

  - _reflectFee(uint256,uint256) (private)

  - _takeTeam(uint256) (private)

  - _tokenTransfer(address,address,uint256,bool) (private)

  - _transfer(address,address,uint256) (private)

  - _transferStandard(address,address,uint256) (private)

  - addLiquidity() (external)

  - allowance(address,address) (public)

  - approve(address,uint256) (public)

  - balanceOf(address) (public)

  - constructor(address,address) (public)

  - decimals() (public)

  - manualsend() (external)

- manualswap() (external)
- name() (public)
- openTrading() (public)
- receive() (external)
- removeAllFee() (private)
- restoreAllFee() (private)
- sendETHToFee(uint256) (private)
- setCooldownEnabled(bool) (external)
- setFee(uint256) (private)
- setMaxTxPercent(uint256) (external)
- swapTokensForEth(uint256) (private)
- symbol() (public)
- tokenFromReflection(uint256) (private)
- totalSupply() (public)
- transfer(address,uint256) (public)
- transferFrom(address,address,uint256) (public)