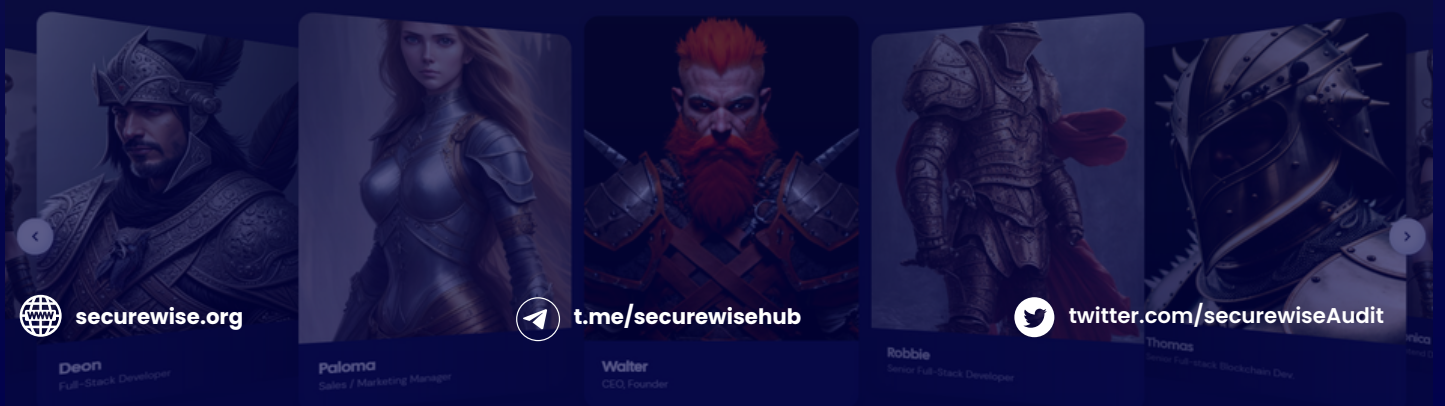




AUDIT REPORT

REAL SMURF CAT (ШАЙЛУШАЙ)



Quick Result

Quick Result	Status
Owner can mint new token?	Not Detected
Owner can update tax over 25% ?	Not Detected
Owner can pause trade ?	Not Detected
Owner can enable trading ?	Yes
Owner can add Blacklist ?	Not Detected
Owner can set Max Tx ?	Not Detected
Owner can set Max Wallet Amount ?	Not Detected
KYC ?	No

Page 6,12 for more details

Real Smurf Cat (шайлушай) as **PASSED** the smart contract audit with **High Risk**

Findings

Risk Classification	Description
High	Exploits, vulnerabilities or errors that will certainly or probabilistically lead towards loss of funds, control, of the contract and its functions. Must be fixed as soon as possible.
Medium	Bugs or issues with that may be subject to exploit, though their impact is somewhat limited. Must be fixed as soon as possible.
Low	Effects are minimal in isolation and do not pose a significant danger to the project or its users. Issues under this classification are recommended to be fixed nonetheless.
Informational	A vulnerability that have informational character but is not effecting any of the code

Severity	Found	Pending	Resolved
High	0	1	0
Medium	0	0	0
Low	0	0	0
Informational	0	3	0
Total	0	4	0

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Overview

Token Name: Real Smurf Cat (шайлушай)

Language: Solidity

Contract Address: 0xccD8517b131Aa7D5F94cd55a7C8a1890bCF04a85

Network: Binance Smart Chain

Total Supply: 1000000000000

KYC: No

Website: <https://smurfcats.wiki>

Twitter: <https://twitter.com/smurfcatsbnb>

Telegram:

Report Date: September 14, 2023

Testnet Link:

<https://testnet.bscscan.com/address/0x62A656580F27c673c4754dF5A7CaEfef3DA5E6F8>

Auditing Approach and Methodologies

SecureWise has performed starting with analyzing the code, issues, code quality, and libraries. Reviewed line-by-line by our team. Finding any potential issue like race conditions, transaction-ordering dependence, timestamp dependence, and denial of service attacks.

Methodology

- Understanding the size, scope and functionality of your project's source code
- Manual review of code, which is the process of reading source code line-by-line in an attempt to identify potential vulnerabilities.
- Testing and automated analysis of the Smart Contract to determine proper logic has been followed throughout the whole process
- Deploying the code on testnet using multiple live test
- Analyzing a program to determine the specific input that causes different parts of a program to execute its functions.
- Checking whether all the libraries used in the code are on the latest version.

Goals

Smart Contract System is secure, resilient and working according to the specifications and without any vulnerabilities.

Risk Classification

High: Exploits, vulnerabilities or errors that will certainly or probabilistically lead towards loss of funds, control, of the contract and its functions. Must be fixed as soon as possible.

Medium: Bugs or issues with that may be subject to exploit, though their impact is somewhat limited. Must be fixed as soon as possible.





Low: Effects are minimal in isolation and do not pose a significant danger to the project or its users. Issues under this classification are recommended to be fixed nonetheless.

Informational: A vulnerability that have informational character but is not affecting any of the code

Findings Summary

SecureWise has applied the automated and manual analysis of Smart Contract and were reviewed for common contract vulnerabilities and centralized exploits

Findings

	Trade must be enabled by the owner
	The owner has the authority to exclude/include addresses from fees.
	The owner has the authority to change swap setting and swap token amount
	The owner has the authority to withdraw claimstuck tokens from the contract except native token

Function Privileges

```

|||||
**IUniswapV2Factory** | Interface | |||
L | feeTo | External ! | |NO ! |
L | feeToSetter | External ! | |NO ! |
L | getPair | External ! | |NO ! |
L | allPairs | External ! | |NO ! |
L | allPairsLength | External ! | |NO ! |
L | createPair | External ! | ● |NO ! |
L | setFeeTo | External ! | ● |NO ! |
L | setFeeToSetter | External ! | ● |NO ! |
|||||
**IUniswapV2Pair** | Interface | |||
L | name | External ! | |NO ! |
L | symbol | External ! | |NO ! |
L | decimals | External ! | |NO ! |
L | totalSupply | External ! | |NO ! |
L | balanceOf | External ! | |NO ! |
L | allowance | External ! | |NO ! |
L | approve | External ! | ● |NO ! |
L | transfer | External ! | ● |NO ! |
L | transferFrom | External ! | ● |NO ! |
L | DOMAIN_SEPARATOR | External ! | |NO ! |
L | PERMIT_TYPEHASH | External ! | |NO ! |
L | nonces | External ! | |NO ! |
L | permit | External ! | ● |NO ! |
L | MINIMUM_LIQUIDITY | External ! | |NO ! |
L | factory | External ! | |NO ! |
L | token0 | External ! | |NO ! |
L | token1 | External ! | |NO ! |
L | getReserves | External ! | |NO ! |
L | price0CumulativeLast | External ! | |NO ! |
L | price1CumulativeLast | External ! | |NO ! |
L | kLast | External ! | |NO ! |
L | mint | External ! | ● |NO ! |
L | burn | External ! | ● |NO ! |
L | swap | External ! | ● |NO ! |
L | skim | External ! | ● |NO ! |
L | sync | External ! | ● |NO ! |
L | initialize | External ! | ● |NO ! |
|||||
**IUniswapV2Router01** | Interface | |||
L | factory | External ! | |NO ! |
L | WETH | External ! | |NO ! |
L | addLiquidity | External ! | ● |NO ! |
L | addLiquidityETH | External ! | 🟡 |NO ! |
L | removeLiquidity | External ! | ● |NO ! |
L | removeLiquidityETH | External ! | ● |NO ! |
L | removeLiquidityWithPermit | External ! | ● |NO ! |
L | removeLiquidityETHWithPermit | External ! | ● |NO ! |
L | swapExactTokensForTokens | External ! | ● |NO ! |
L | swapTokensForExactTokens | External ! | ● |NO ! |
L | swapExactETHForTokens | External ! | 🟡 |NO ! |
L | swapTokensForExactETH | External ! | ● |NO ! |

```


Function Privileges

```

**IUniswapV2Router01** | Interface | |||
L | factory | External ! | |NO ! |
L | WETH | External ! | |NO ! |
L | addLiquidity | External ! | ● |NO ! |
L | addLiquidityETH | External ! | 🚫 |NO ! |
L | removeLiquidity | External ! | ● |NO ! |
L | removeLiquidityETH | External ! | ● |NO ! |
L | removeLiquidityWithPermit | External ! | ● |NO ! |
L | removeLiquidityETHWithPermit | External ! | ● |NO ! |
L | swapExactTokensForTokens | External ! | ● |NO ! |
L | swapTokensForExactTokens | External ! | ● |NO ! |
L | swapExactETHForTokens | External ! | 🚫 |NO ! |
L | swapTokensForExactETH | External ! | ● |NO ! |
L | swapExactTokensForETH | External ! | ● |NO ! |
L | swapETHForExactTokens | External ! | 🚫 |NO ! |
L | quote | External ! | |NO ! |
L | getAmountOut | External ! | |NO ! |
L | getAmountIn | External ! | |NO ! |
L | getAmountsOut | External ! | |NO ! |
L | getAmountsIn | External ! | |NO ! |
|||||
**IUniswapV2Router02** | Interface | IUniswapV2Router01 |||
L | removeLiquidityETHSupportingFeeOnTransferTokens | External ! | ● |NO ! |
L | removeLiquidityETHWithPermitSupportingFeeOnTransferTokens | External ! | ● |NO ! |
L | swapExactTokensForTokensSupportingFeeOnTransferTokens | External ! | ● |NO ! |
L | swapExactETHForTokensSupportingFeeOnTransferTokens | External ! | 🚫 |NO ! |
L | swapExactTokensForETHSupportingFeeOnTransferTokens | External ! | ● |NO ! |
|||||
**IERC20** | Interface | |||
L | totalSupply | External ! | |NO ! |
L | balanceOf | External ! | |NO ! |
L | transfer | External ! | ● |NO ! |
L | allowance | External ! | |NO ! |
L | approve | External ! | ● |NO ! |
L | transferFrom | External ! | ● |NO ! |
|||||
**IERC20Metadata** | Interface | IERC20 |||
L | name | External ! | |NO ! |
L | symbol | External ! | |NO ! |
L | decimals | External ! | |NO ! |
|||||
**Address** | Library | |||
L | isContract | Internal 🚫 | | |
L | sendValue | Internal 🚫 | ● | |
L | functionCall | Internal 🚫 | ● | |
L | functionCall | Internal 🚫 | ● | |
L | functionCallWithValue | Internal 🚫 | ● | |
L | functionCallWithValue | Internal 🚫 | ● | |
L | functionStaticCall | Internal 🚫 | | |
L | functionStaticCall | Internal 🚫 | | |
L | functionDelegateCall | Internal 🚫 | ● | |
L | functionDelegateCall | Internal 🚫 | ● | |
L | verifyCallResultFromTarget | Internal 🚫 | | |
L | verifyCallResult | Internal 🚫 | | |

```

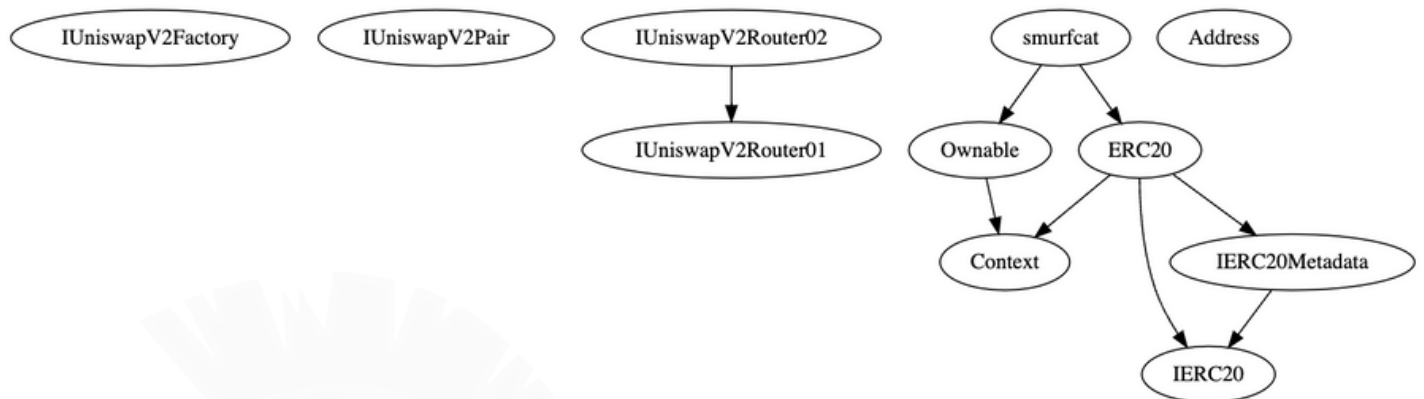
Function Privileges

```

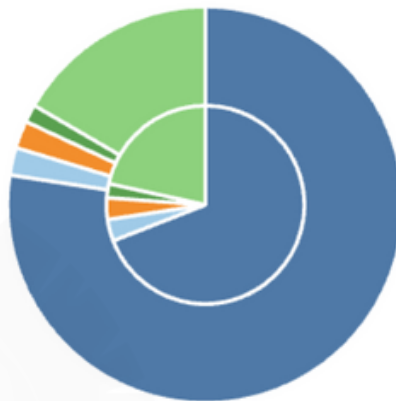
L | functionCall | Internal | 🔒 | 🔴 | |
L | functionCallWithValue | Internal | 🔒 | 🔴 | |
L | functionCallWithValue | Internal | 🔒 | 🔴 | |
L | functionStaticCall | Internal | 🔒 | | |
L | functionStaticCall | Internal | 🔒 | | |
L | functionDelegateCall | Internal | 🔒 | 🔴 | |
L | functionDelegateCall | Internal | 🔒 | 🔴 | |
L | verifyCallResultFromTarget | Internal | 🔒 | | |
L | verifyCallResult | Internal | 🔒 | | |
L | _revert | Private | 🔒 | | |
|||||
**Context** | Implementation | |
L | _msgSender | Internal | 🔒 | | |
L | _msgData | Internal | 🔒 | | |
|||||
**Ownable** | Implementation | Context |
L | <Constructor> | Public | ! | 🔴 | NO ! |
L | owner | Public | ! | | NO ! |
L | renounceOwnership | Public | ! | 🔴 | onlyOwner |
L | transferOwnership | Public | ! | 🔴 | onlyOwner |
|||||
**ERC20** | Implementation | Context, IERC20, IERC20Metadata |
L | <Constructor> | Public | ! | 🔴 | NO ! |
L | name | Public | ! | | NO ! |
L | symbol | Public | ! | | NO ! |
L | decimals | Public | ! | | NO ! |
L | totalSupply | Public | ! | | NO ! |
L | balanceOf | Public | ! | | NO ! |
L | transfer | Public | ! | 🔴 | NO ! |
L | allowance | Public | ! | | NO ! |
L | approve | Public | ! | 🔴 | NO ! |
L | transferFrom | Public | ! | 🔴 | NO ! |
L | increaseAllowance | Public | ! | 🔴 | NO ! |
L | decreaseAllowance | Public | ! | 🔴 | NO ! |
L | _transfer | Internal | 🔒 | 🔴 | |
L | _mint | Internal | 🔒 | 🔴 | |
L | _burn | Internal | 🔒 | 🔴 | |
L | _approve | Internal | 🔒 | 🔴 | |
L | _beforeTokenTransfer | Internal | 🔒 | 🔴 | |
L | _afterTokenTransfer | Internal | 🔒 | 🔴 | |
|||||
**smurfcats** | Implementation | ERC20, Ownable |
L | <Constructor> | Public | ! | 🔴 | ERC20 |
L | <Receive Ether> | External | ! | 🚫 | NO ! |
L | claimStuckTokens | External | ! | 🔴 | onlyOwner |
L | excludeFromFees | External | ! | 🔴 | onlyOwner |
L | isExcludedFromFees | Public | ! | | NO ! |
L | enableTrading | External | ! | 🔴 | onlyOwner |
L | _transfer | Internal | 🔒 | 🔴 | |
L | setSwapEnabled | External | ! | 🔴 | onlyOwner |
L | setSwapTokensAtAmount | External | ! | 🔴 | onlyOwner |
L | swapAndSendMarketing | Private | 🔒 | 🔴 | |
|||||

```

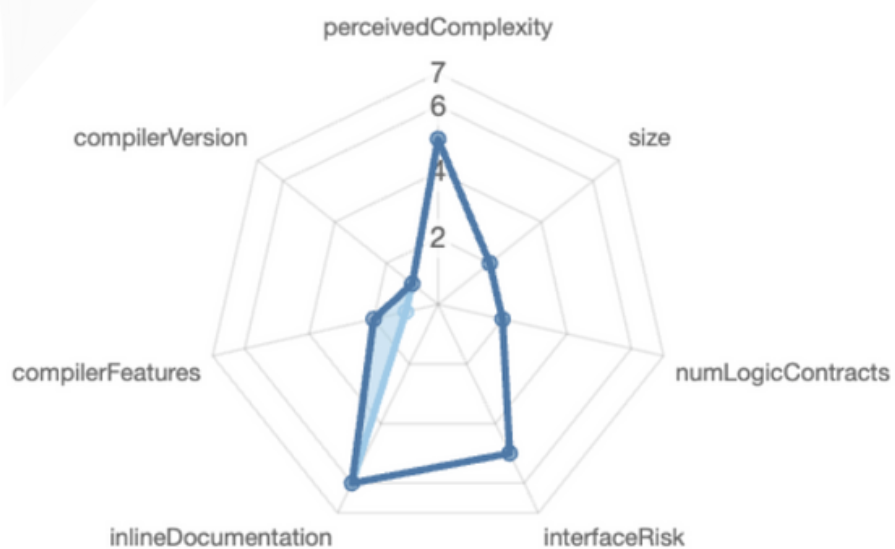
Inheritance Graph



Source Lines



Risk



Manuel Review

High Risk

Trade must be enabled by the owner

```
function enableTrading() external onlyOwner{
    require(!tradingEnabled, "Trading already enabled.");
    tradingEnabled = true;
    swapEnabled = true;
}
```

```
require(to != address(0), "Error: transfer to the zero address.");
require(tradingEnabled || !_isExcludedFromFees[from] || !_isExcludedFromFees[to], "Trading not yet enabled!");
```

Recommendation

The contract requires manual activation by the owner in order for investors to start trading. If trading remains disabled, token holders will not have the ability to execute any transactions with their tokens. Before investing in a project that requires manual activation of trading, it is important to verify if the project holds a SAFU badge or a reputable KYC badge. Additionally, conducting your own research (DYOR) is crucial when considering investments in such projects.

Disclaimer

SecureWise provides the smart contract audit of solidity. Audit and report are for informational purposes only and not, nor should be considered, as an endorsement to engage with, invest in, participate, provide an incentive, or disapprove, criticise, discourage, or purport to provide an opinion on any particular project or team.

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AUDIT REPORT

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SecureWise Scanner



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