



Cyberscope

Audit Report

ReusedCoin

March 2024

Network ETH

Address 0x80A2fb252af608a64142Ba6736F4391d41E6f513

Audited by © cyberscope

Analysis

● Critical ● Medium ● Minor / Informative ● Pass

Severity	Code	Description	Status
●	ST	Stops Transactions	Passed
●	OTUT	Transfers User's Tokens	Passed
●	ELFM	Exceeds Fees Limit	Passed
●	MT	Mints Tokens	Passed
●	BT	Burns Tokens	Passed
●	BC	Blacklists Addresses	Passed

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Review

Contract Name	Reusedcoin
Compiler Version	v0.8.16+commit.07a7930e
Optimization	200 runs
Explorer	https://etherscan.io/address/0x80a2fb252af608a64142ba6736f4391d41e6f513
Address	0x80a2fb252af608a64142ba6736f4391d41e6f513
Network	ETH
Symbol	USED
Decimals	18
Total Supply	100,000,000,000,000
Badge Eligibility	Yes

Audit Updates

Initial Audit	15 Mar 2024 https://github.com/cyberscope-io/audits/blob/main/used/v1/audit.pdf
Corrected Phase 2	19 Mar 2024 https://github.com/cyberscope-io/audits/blob/main/used/v2/audit.pdf
Corrected Phase 3	23 Mar 2024

Source Files

Filename	SHA256
Reusedcoin.sol	4ca1938ccd81b5be0201d10da02bf8e2c9e6d6a2684fe091efd4415c2958b3a6

Findings Breakdown

Severity	Unresolved	Acknowledged	Resolved	Other
● Critical	0	0	0	0
● Medium	0	0	0	0
● Minor / Informative	0	0	0	0

Functions Analysis

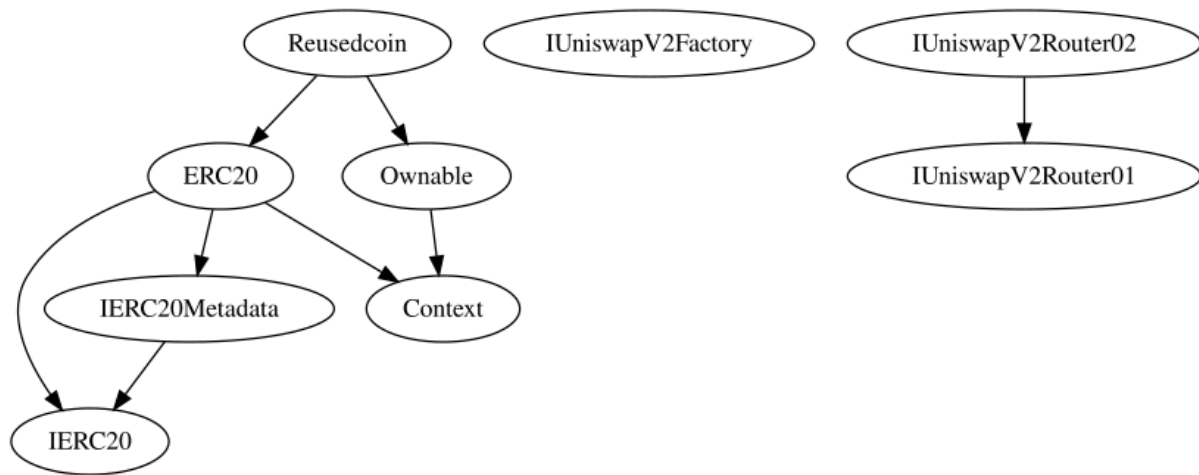
Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
IERC20Metadata	Interface	IERC20		
	name	External		-
	symbol	External		-
	decimals	External		-
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
ERC20	Implementation	Context, IERC20, IERC20Meta data		
		Public	✓	-

	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	increaseAllowance	Public	✓	-
	decreaseAllowance	Public	✓	-
	_transfer	Internal	✓	
	_mint	Internal	✓	
	_burn	Internal	✓	
	_approve	Internal	✓	
Ownable	Implementation	Context		
		Public	✓	-
	owner	Public		-
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
	_setOwner	Private	✓	
IUniswapV2Factory	Interface			

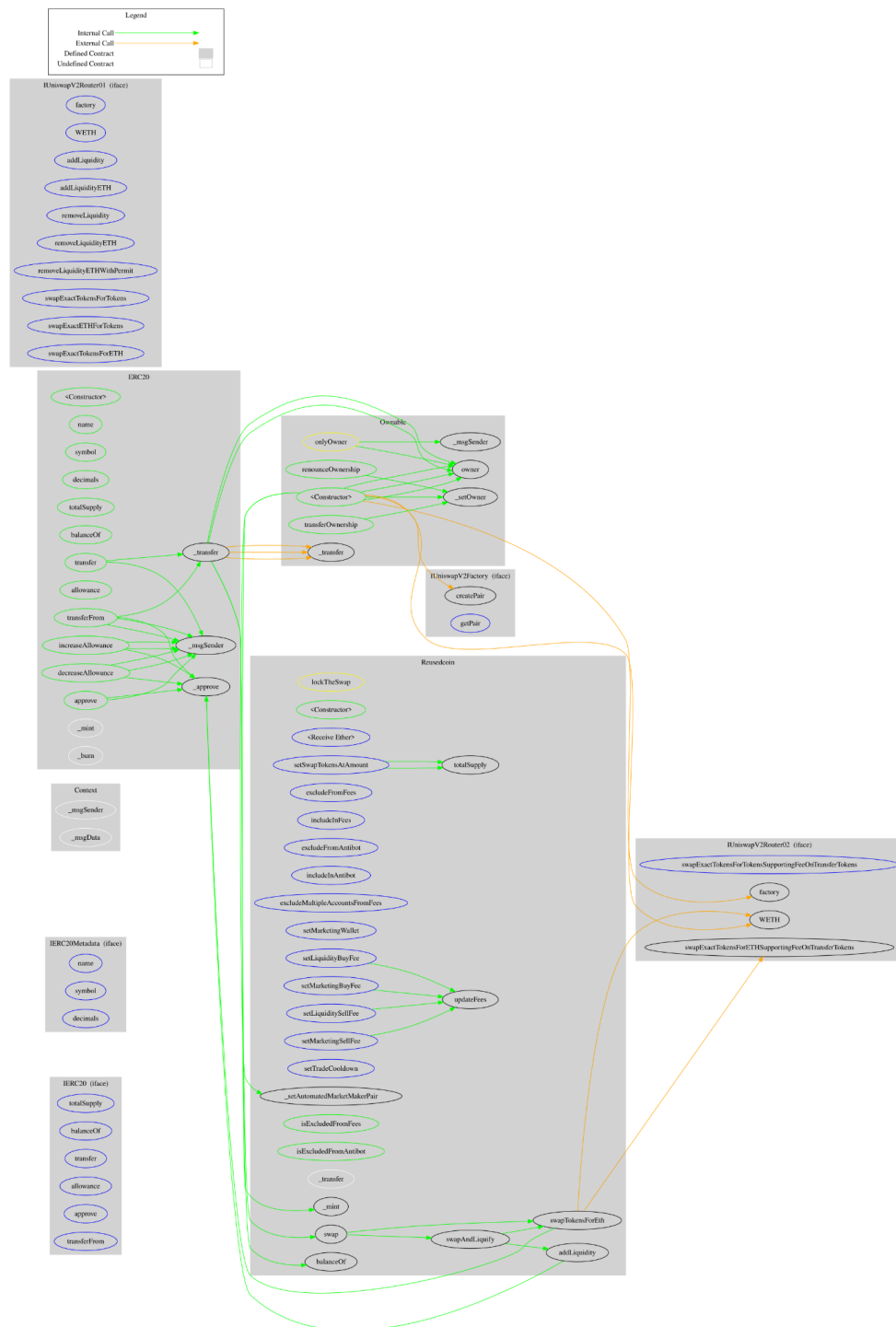
	createPair	External	✓	-
	getPair	External		-
IUniswapV2Router01	Interface			
	factory	External		-
	WETH	External		-
	addLiquidity	External	✓	-
	addLiquidityETH	External	Payable	-
	removeLiquidity	External	✓	-
	removeLiquidityETH	External	✓	-
	removeLiquidityETHWithPermit	External	✓	-
	swapExactTokensForTokens	External	✓	-
	swapExactETHForTokens	External	Payable	-
	swapExactTokensForETH	External	✓	-
IUniswapV2Router02	Interface	IUniswapV2Router01		
	swapExactTokensForTokensSupportingFeeOnTransferTokens	External	✓	-
	swapExactTokensForETHSupportingFeeOnTransferTokens	External	✓	-
Reusedcoin	Implementation	ERC20, Ownable		
		Public	✓	ERC20
		External	Payable	-
	setSwapTokensAtAmount	External	✓	onlyOwner

	excludeFromFees	External	✓	onlyOwner
	includeInFees	External	✓	onlyOwner
	excludeFromAntibot	External	✓	onlyOwner
	includeInAntibot	External	✓	onlyOwner
	excludeMultipleAccountsFromFees	External	✓	onlyOwner
	setMarketingWallet	External	✓	onlyOwner
	setLiquidityBuyFee	External	✓	onlyOwner
	setMarketingBuyFee	External	✓	onlyOwner
	setLiquiditySellFee	External	✓	onlyOwner
	setMarketingSellFee	External	✓	onlyOwner
	setTradeCooldown	External	✓	onlyOwner
	updateFees	Internal	✓	
	_setAutomatedMarketMakerPair	Private	✓	
	isExcludedFromFees	Public		-
	isExcludedFromAntibot	Public		-
	_transfer	Internal	✓	
	swap	Private	✓	lockTheSwap
	swapAndLiquify	Private	✓	
	swapTokensForEth	Private	✓	
	addLiquidity	Private	✓	

Inheritance Graph



Flow Graph



Summary

ReusedCoin contract implements a token mechanism. This audit investigates security issues, business logic concerns and potential improvements. ReusedCoin is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler error or critical issues. The contract Owner can access some admin functions that can not be used in a malicious way to disturb the users' transactions. There is also a limit of max 7% fee on buy and sell transactions.

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About Cyberscope

Cyberscope is a blockchain cybersecurity company that was founded with the vision to make web3.0 a safer place for investors and developers. Since its launch, it has worked with thousands of projects and is estimated to have secured tens of millions of investors' funds.

Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.



The Cyberscope team

<https://www.cyberscope.io>