



Cyberscope

Audit Report

NOJIKO SWAP

August 2023

Network BSC

Address 0x9Ffeb0b40722CA9739BE42AaccD04D96DCd2Dc81

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

Explorer	https://bscscan.com/address/0x9ffeb0b40722ca9739be42aaccd04d96dcd2dc81
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Audit Updates

Initial Audit	25 Aug 2023
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Source Files

Filename	SHA256
contracts/tokens/redis/Redis.sol	cccb5acaa086c209680f234e7f433a7365a34a946f2991994c91dd949b9107ba

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

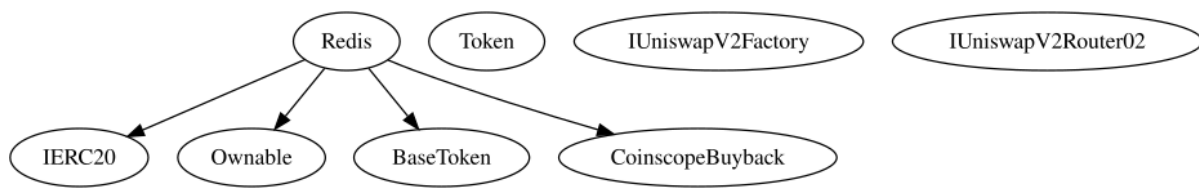
Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
Token	Interface			
	transferFrom	External	✓	-
	transfer	External	✓	-
IUniswapV2Factory	Interface			
	createPair	External	✓	-
IUniswapV2Router02	Interface			
	swapExactTokensForETCSupportingFeeOnTransferTokens	External	Payable	-

	swapExactTokensForAVAXSupportingFeeOnTransferTokens	External	Payable	-
	swapExactTokensForROSESupportingFeeOnTransferTokens	External	Payable	-
	swapExactTokensForETHSupportingFeeOnTransferTokens	External	✓	-
	swapExactETHForTokens	External	Payable	-
	addLiquidityETH	External	Payable	-
	factory	External		-
	WETH	External		-
	WETC	External		-
	WHT	External		-
	WROSE	External		-
	WAVAX	External		-
Ownable	Implementation			
		Public	✓	-
	owner	Public		-
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
BaseToken	Implementation			
CoinscopeBuyback	Implementation			
	coinscopeBuyback	Internal	✓	

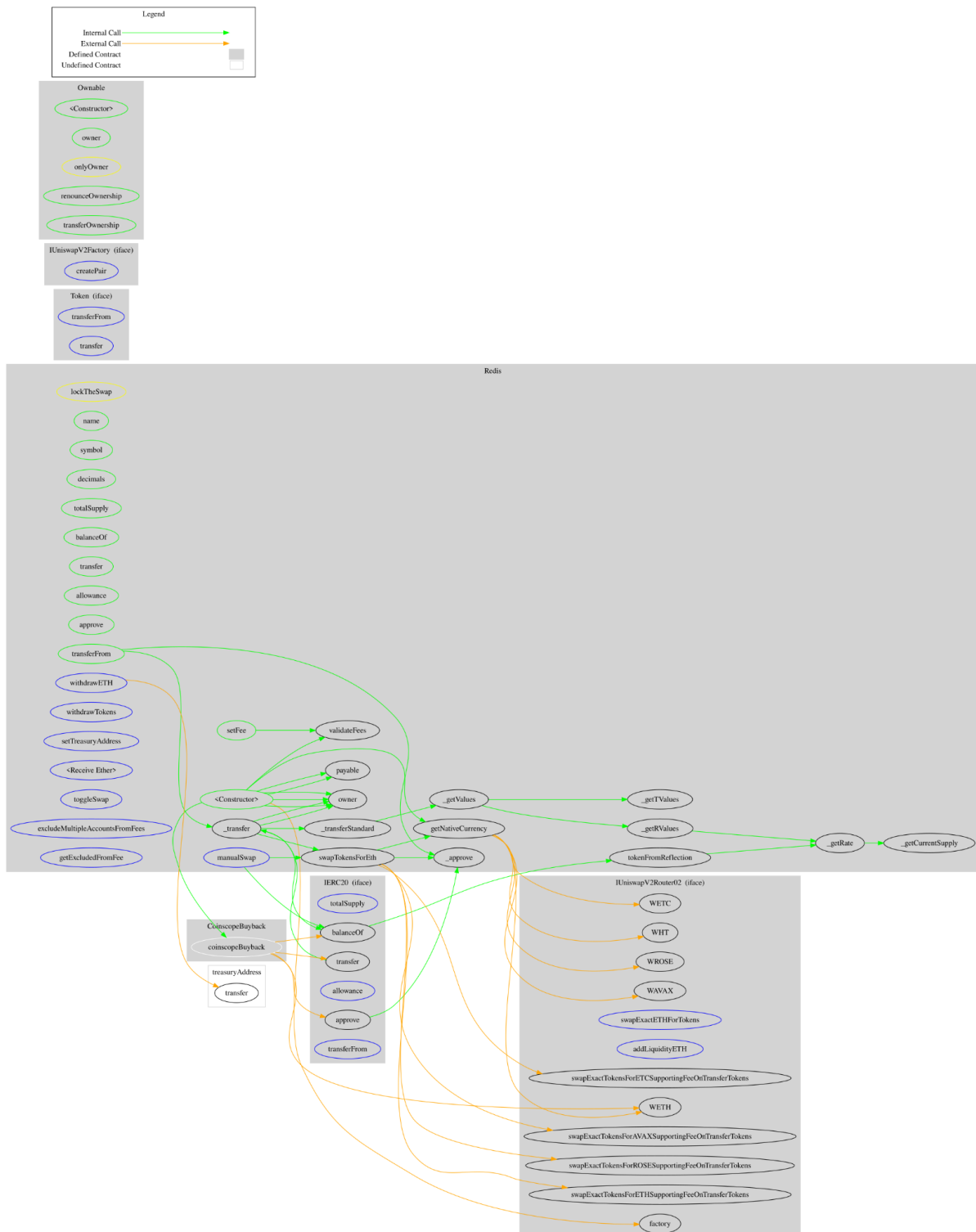
Redis	Implementation	IERC20, Ownable, BaseToken, CoinscopeB uyback		
		Public	Payable	-
	getNativeCurrency	Internal		
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	tokenFromReflection	Private		
	_approve	Private	✓	
	_transfer	Private	✓	
	swapTokensForEth	Private	✓	lockTheSwap
	withdrawETH	External	✓	onlyOwner
	withdrawTokens	External	✓	onlyOwner
	setTreasuryAddress	External	✓	onlyOwner
	_transferStandard	Private	✓	
		External	Payable	-

	_getValues	Private		
	_getTValues	Private		
	_getRValues	Private		
	_getRate	Private		
	_getCurrentSupply	Private		
	manualSwap	External	✓	onlyOwner
	setFee	Public	✓	onlyOwner
	validateFees	Internal		
	toggleSwap	External	✓	onlyOwner
	excludeMultipleAccountsFromFees	External	✓	onlyOwner
	getExcludedFromFee	External		-

Inheritance Graph



Flow Graph



Summary

NOJIKO SWAP contract implements a token mechanism. This audit investigates security issues, business logic concerns and potential improvements. NOJIKO SWAP 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 20% fees.

Disclaimer

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Blockchain technology and cryptographic assets present a high level of ongoing risk. Cyberscope's position is that each company and individual are responsible for their own due diligence and continuous security. Cyberscope's goal is to help reduce the attack vectors and the high level of variance associated with utilizing new and consistently changing technologies and in no way claims any guarantee of security or functionality of the technology we agree to analyze. The assessment services provided by Cyberscope are subject to dependencies and are under continuing development. You agree that your access and/or use including but not limited to any services reports and materials will be at your sole risk on an as-is where-is and as-available basis. Cryptographic tokens are emergent technologies and carry with them high levels of technical risk and uncertainty. The assessment reports could include false positives, false negatives and other unpredictable results. The services may access and depend upon multiple layers of third parties.

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>