Cyberscope

Audit Report

METARUN

February 2024

Network	BSC
Address	0xaC6ec101DDcB953774d103bA4A82fA257138459f
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

Table of Contents

Review

Contract Name	METARUN
Compiler Version	v0.8.24+commit.e11b9ed9
Optimization	200 runs
Explorer	https://bscscan.com/address/0xac6ec101ddcb953774d103ba4a82fa257138459f
Address	0xac6ec101ddcb953774d103ba4a82fa257138459f
Network	BSC
Symbol	MRUN
Decimals	18
Total Supply	1,000,000,000
Badge Eligibility	Yes

Audit Updates

Initial Audit	25 Feb 2024

Source Files

Filename	SHA256
METARUN.sol	dff2299f8dca85e3ba82140b6a4a03ebff71b0a2688aee7b2a04e804430da75f

Findings Breakdown

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

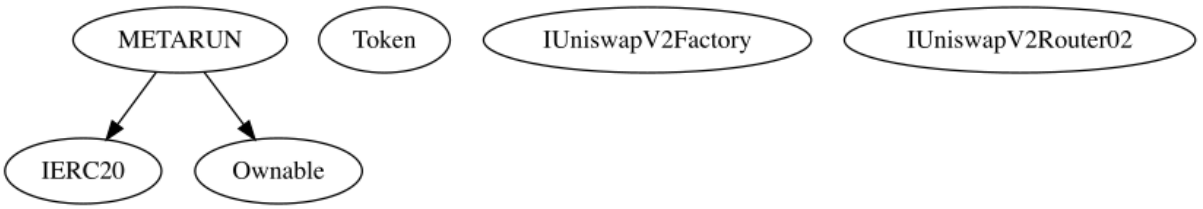
Functions Analysis

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			
	swapExactTokensForETHSupportingFeeOnTransferTokens	External	✓	-

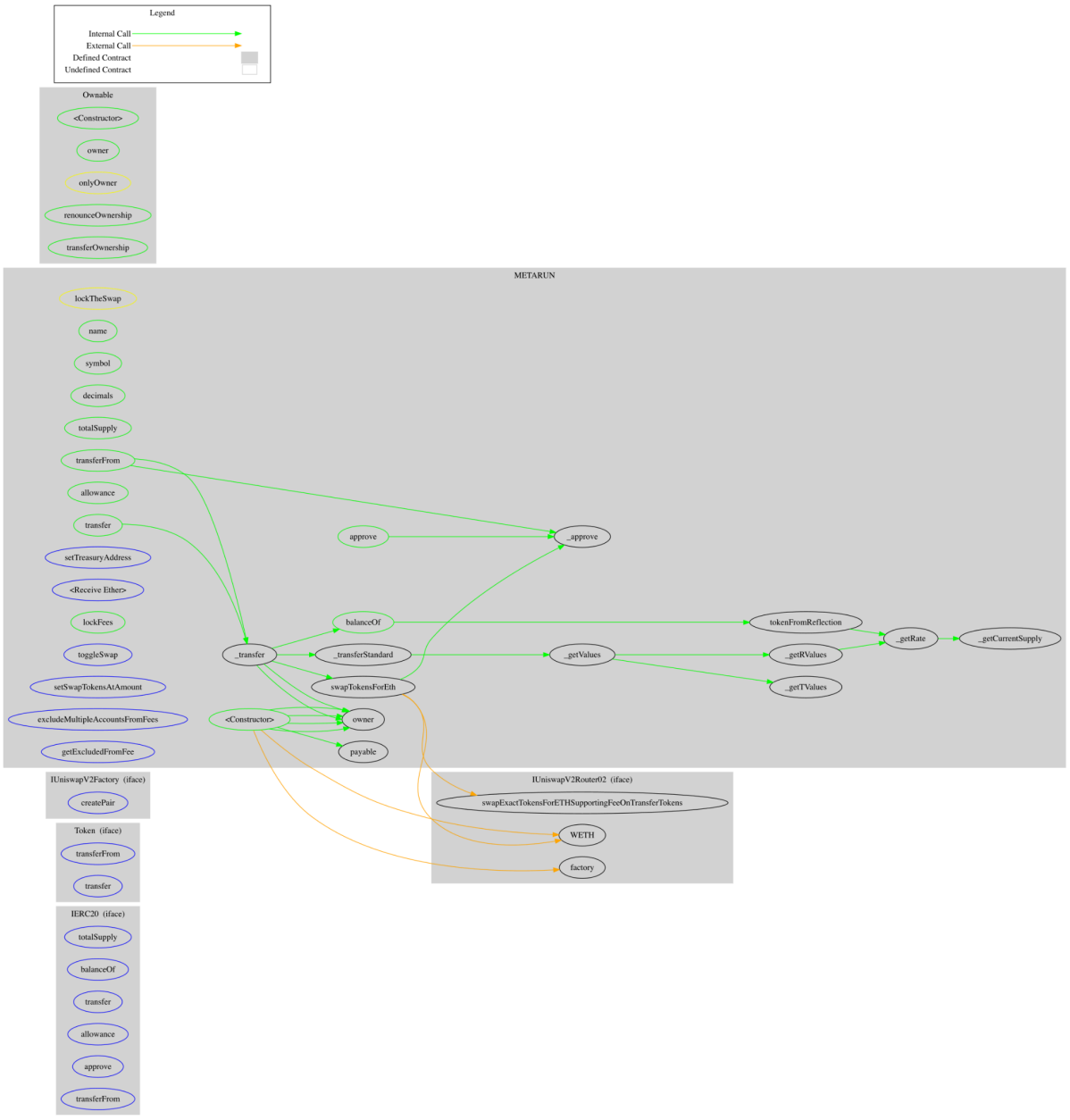
	factory	External		-
	WETH	External		-
Ownable	Implementation			
		Public	✓	-
	owner	Public		-
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
MetaRun	Implementation	IERC20, Ownable		
		Public	✓	-
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	tokenFromReflection	Private		
	_approve	Private	✓	
	_transfer	Private	✓	

	swapTokensForEth	Private	✓	lockTheSwap
	setTreasuryAddress	External	✓	onlyOwner
	_transferStandard	Private	✓	
		External	Payable	-
	_getValues	Private		
	_getTValues	Private		
	_getRValues	Private		
	_getRate	Private		
	_getCurrentSupply	Private		
	lockFees	Public	✓	onlyOwner
	toggleSwap	External	✓	onlyOwner
	setSwapTokensAtAmount	External	✓	onlyOwner
	excludeMultipleAccountsFromFees	External	✓	onlyOwner
	getExcludedFromFee	External		-

Inheritance Graph



Flow Graph


Legend
Internal Call
External Call
Defined Contract
Undefined Contract
Ownable
<Constructor>
owner
onlyOwner
renounceOwnership
transferOwnership
METARUN
lockTheSwap
name
symbol
decimals
totalSupply
transferFrom
allowance
transfer
setTreasuryAddress
<Receive Ether>
lockFees
toggleSwap
setSwapTokensAtAmount
excludeMultipleAccountsFromFees
getExcludedFromFee
approve
_approve
balanceOf
tokenFromReflection
_getRate
_getCurrentSupply
_transfer
_transferStandard
_getValues
_getRValues
_getTValues
swapTokensForEth
<Constructor>
owner
payable
IUniswapV2Factory (iface)
createPair
IUniswapV2Router02 (iface)
swapExactTokensForETHSupportingFeeOnTransferTokens
WETH
factory
Token (iface)
transferFrom
transfer
IERC20 (iface)
totalSupply
balanceOf
transfer
allowance
approve
transferFrom

Summary

METARUN contract implements a token mechanism. This audit investigates security issues, business logic concerns, and potential improvements. METARUN is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler errors 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. The fees are fixed at 1.5% for buys and 3.5% for sales. Once the owner removes the fees, it will not be able to set them again.

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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

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