Cyberscope

Audit Report

Token

January 2024

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	TheToken
Testing Deploy	https://mumbai.polygonscan.com/address/0x3f093a7d13e9a791fc36cdafb9d61589ffc07dec
Address	0x3f093a7d13e9a791fc36cdafb9d61589ffc07dec
Symbol	THE
Decimals	9
Total Supply	250,000,000,000,000,000
Badge Eligibility	Yes

Audit Updates

Initial Audit	24 Jan 2024
Corrected Phase 2	30 Jan 2024

Source Files

Filename	SHA256
contracts/theToken.sol	7c252d06888a4daa33287c2519e34113e6d01e9714352a72f832f3d50f280140

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	
Context	Implementation				
	_msgSender	Internal			
	_msgData	Internal			
Ownable	Implementation	Context			
		Public	✓	-	
	owner	Public		-	
	_checkOwner	Internal			
	renounceOwnership	Public	✓	onlyOwner	
	transferOwnership	Public	✓	onlyOwner	
	_transferOwnership	Internal	✓		
IFactoryV2	Interface				
	getPair	External		-	
	createPair	External	✓	-	
IV2Pair	Interface				
	factory	External		-	

	getReserves	External		-
	sync	External	✓	-
IRouter01	Interface			
	factory	External		-
	WETH	External		-
	addLiquidityETH	External	Payable	-
	addLiquidity	External	✓	-
	swapExactETHForTokens	External	Payable	-
	getAmountsOut	External		-
	getAmountsIn	External		-
IRouter02	Interface	IRouter01		
	swapExactTokensForETHSupportingFeeOnTransferTokens	External	✓	-
	swapExactETHForTokensSupportingFeeOnTransferTokens	External	Payable	-
	swapExactTokensForTokensSupportingFeeOnTransferTokens	External	✓	-
	swapExactTokensForTokens	External	✓	-
IERC20Errors	Interface			
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-

	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
IERC20Metadata	Interface	IERC20		
	name	External		-
	symbol	External		-
	decimals	External		-
TheToken	Implementation	Context, Ownable, IERC20, IERC20Metadata, IERC20Errors		
		Public	✓	-
		External	Payable	-
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	swapAmount	Public		-
	tax	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-

|	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	_transfer	Internal	✓	
	swapIt	Internal	✓	
	_approve	Internal	✓	
	_approve	Internal	✓	
	_spendAllowance	Internal	✓	

Inheritance Graph
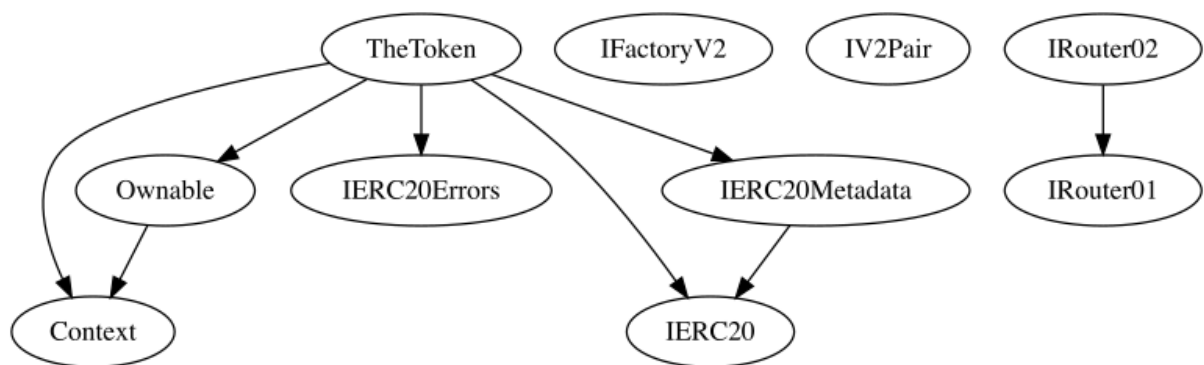
Flow Graph
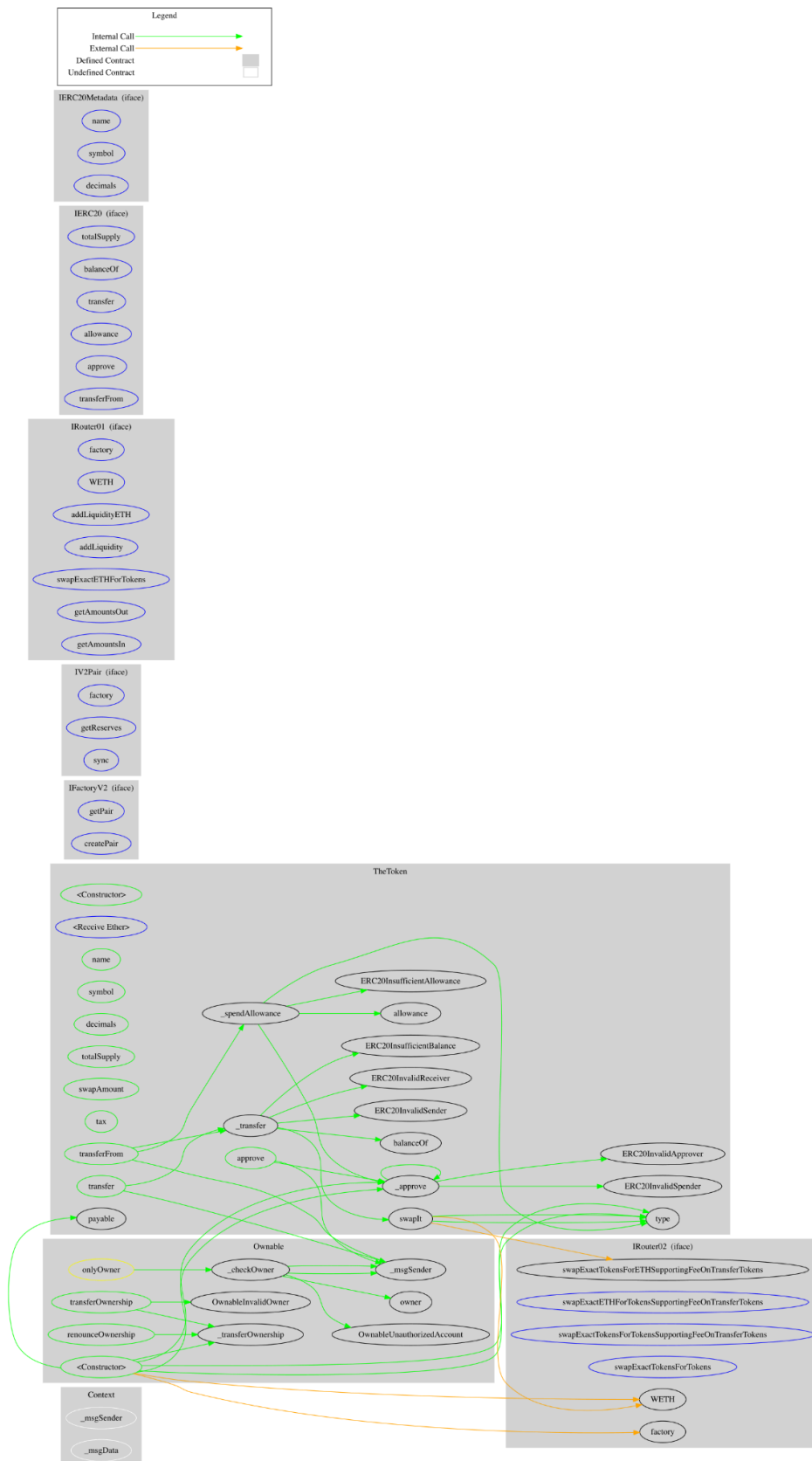
Summary

Token contract implements a token mechanism. This audit investigates security issues, business logic concerns, and potential improvements. Token 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 locked at 5% on both buys and sales.

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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

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