Cyberscope

Audit Report

ON

May 2025

Network MATIC

Address 0x14F74e11F0d9D469A4c9D686cfB18a771b31D94f

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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Risk Classification

The criticality of findings in Cyberscope's smart contract audits is determined by evaluating multiple variables. The two primary variables are:

1. **Likelihood of Exploitation**: This considers how easily an attack can be executed, including the economic feasibility for an attacker.
2. **Impact of Exploitation**: This assesses the potential consequences of an attack, particularly in terms of the loss of funds or disruption to the contract's functionality.

Based on these variables, findings are categorized into the following severity levels:

1. **Critical**: Indicates a vulnerability that is both highly likely to be exploited and can result in significant fund loss or severe disruption. Immediate action is required to address these issues.
2. **Medium**: Refers to vulnerabilities that are either less likely to be exploited or would have a moderate impact if exploited. These issues should be addressed in due course to ensure overall contract security.
3. **Minor**: Involves vulnerabilities that are unlikely to be exploited and would have a minor impact. These findings should still be considered for resolution to maintain best practices in security.
4. **Informative**: Points out potential improvements or informational notes that do not pose an immediate risk. Addressing these can enhance the overall quality and robustness of the contract.

Severity	Likelihood / Impact of Exploitation
Critical	Highly Likely / High Impact
Medium	Less Likely / High Impact or Highly Likely/ Lower Impact
Minor / Informative	Unlikely / Low to no Impact

Review

Contract Name	ONLIVE
Compiler Version	v0.8.16+commit.07a7930e
Optimization	200 runs
Explorer	https://polygonscan.com/address/0x14f74e11f0d9d469a4c9d686cfb18a771b31d94f
Address	0x14f74e11f0d9d469a4c9d686cfb18a771b31d94f
Network	MATIC
Symbol	ONLIVE
Decimals	18
Total Supply	3,000,000,000
Badge Eligibility	Yes

Audit Updates

Initial Audit	28 May 2025

Source Files

Filename	SHA256
contracts/ONLIVE.sol	72ab5513da24ac341ff04ce03a23257c45d55c6e582a681dc7f77bf409bb4d06

Findings Breakdown

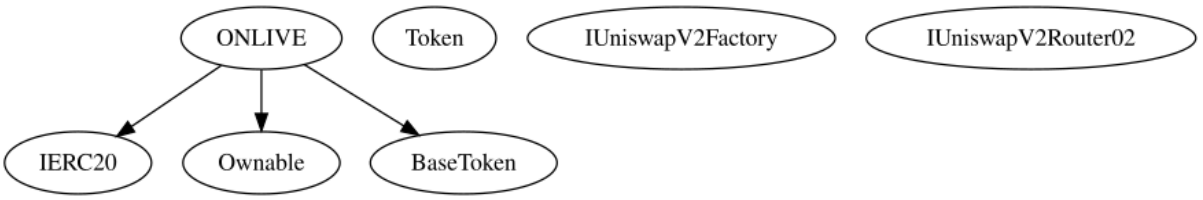
Severity	Unresolved	Acknowledged	Resolved	Other
Critical	0	0	0	0
Medium	0	0	0	0
Minor / Informative	0	0	0	0

Functions Analysis

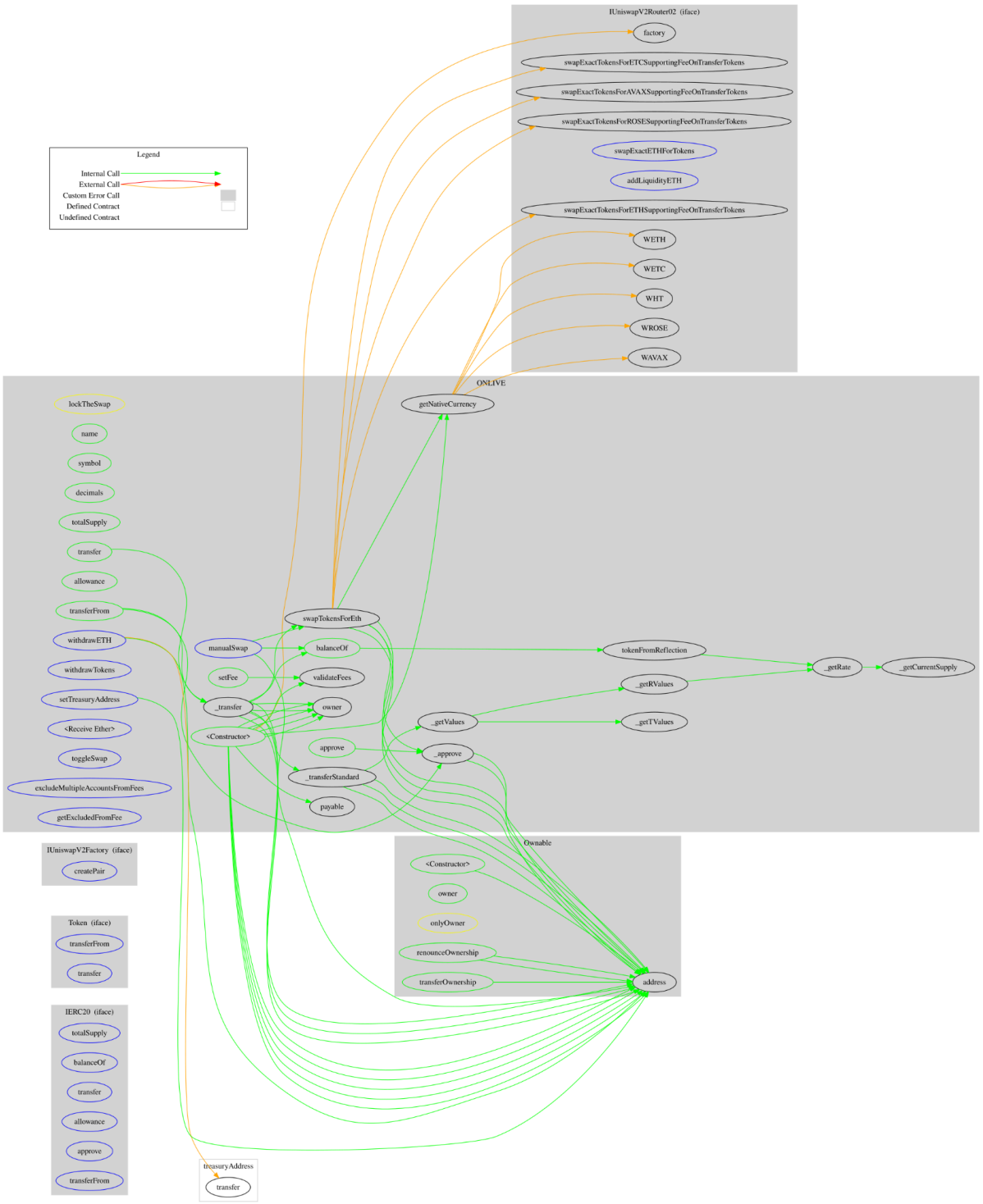
Contract	Type	Bases		
	Function Name	**Visibility**	**Mutability**	**Modifiers**
ONLIVE	Implementation	IERC20, Ownable, BaseToken		
		Public	Payable	-
	getNativeCurrency	Internal		
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	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


Legend
Internal Call
External Call
Custom Error Call
Defined Contract
Undefined Contract
IUniswapV2Router02 (iface)
factory
swapExactTokensForETCSupportingFeeOnTransferTokens
swapExactTokensForAVAXSupportingFeeOnTransferTokens
swapExactTokensForROSESupportingFeeOnTransferTokens
swapExactETHForTokens
addLiquidityETH
swapExactTokensForETHSupportingFeeOnTransferTokens
WETH
WETC
WHT
WROSE
WAVAX
ONLIVE
getNativeCurrency
lockTheSwap
name
symbol
decimals
totalSupply
transfer
allowance
transferFrom
withdrawETH
withdrawTokens
setTreasuryAddress
<Receive Ether>
toggleSwap
excludeMultipleAccountsFromFees
getExcludedFromFee
swapTokensForEth
manualSwap
balanceOf
setFee
validateFees
_transfer
owner
<Constructor>
approve
_approve
_transferStandard
payable
tokenFromReflection
_getRate
_getCurrentSupply
_getRValues
_getTValues
_getValues
IUniswapV2Factory (iface)
createPair
Token (iface)
transferFrom
transfer
IERC20 (iface)
totalSupply
balanceOf
transfer
allowance
approve
transferFrom
Ownable
<Constructor>
owner
onlyOwner
renounceOwnership
transferOwnership
address
treasuryAddress
transfer

Summary

ON contract implements a token mechanism. This audit investigates security issues, business logic concerns, and potential improvements. ON 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. There is also a limit of max 20% fees.

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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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