



Cyberscope

Audit Report

StoryFire

May 2023

Network MATIC

Address 0x2C4d6EF843A4941B297073C6701D6014Dd8758FD

Audited by © cyberscope

Analysis

● Critical ● Medium ● Minor / Informative ● Pass

Severity	Code	Description	Status
●	ST	Stops Transactions	Passed
●	OCTD	Transfers Contract's Tokens	Passed
●	OTUT	Transfers User's Tokens	Passed
●	ELFM	Exceeds Fees Limit	Passed
●	ULTW	Transfers Liquidity to Team Wallet	Passed
●	MT	Mints Tokens	Passed
●	BT	Burns Tokens	Passed
●	BC	Blacklists Addresses	Passed

Diagnostics

● Critical ● Medium ● Minor / Informative

Severity	Code	Description	Status
●	L19	Stable Compiler Version	Unresolved

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Review

Contract Name	Token
Compiler Version	v0.8.18+commit.87f61d96
Optimization	200 runs
Explorer	https://polygonscan.com/address/0x2c4d6ef843a4941b297073c6701d6014dd8758fd
Address	0x2c4d6ef843a4941b297073c6701d6014dd8758fd
Network	MATIC
Symbol	BLAZE
Decimals	18
Total Supply	20,000,000,000

Audit Updates

Initial Audit	30 May 2023
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Source Files

Filename	SHA256
Token.sol	17b137db9bd6cbdc758e760003d641411be3dbb402f0c285f29fc9d1f542c8d3

Findings Breakdown



● Critical	0
● Medium	0
● Minor / Informative	1

Severity	Unresolved	Acknowledged	Resolved	Other
● Critical	0	0	0	0
● Medium	0	0	0	0
● Minor / Informative	1	0	0	0

L19 - Stable Compiler Version

Criticality	Minor / Informative
Location	Token.sol#L3
Status	Unresolved

Description

The `^` symbol indicates that any version of Solidity that is compatible with the specified version (i.e., any version that is a higher minor or patch version) can be used to compile the contract. The version lock is a mechanism that allows the author to specify a minimum version of the Solidity compiler that must be used to compile the contract code. This is useful because it ensures that the contract will be compiled using a version of the compiler that is known to be compatible with the code.

```
pragma solidity ^0.8.0;
```

Recommendation

The team is advised to lock the pragma to ensure the stability of the codebase. The locked pragma version ensures that the contract will not be deployed with an unexpected version. An unexpected version may produce vulnerabilities and undiscovered bugs. The compiler should be configured to the lowest version that provides all the required functionality for the codebase. As a result, the project will be compiled in a well-tested LTS (Long Term Support) environment.

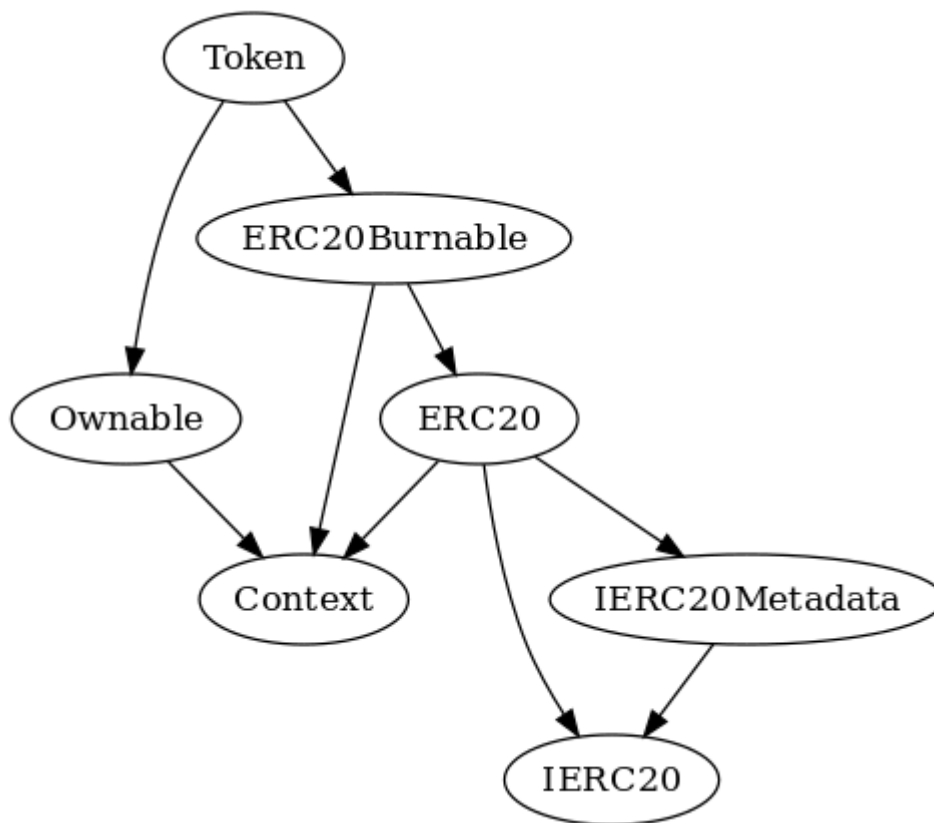
Functions Analysis

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		
Ownable	Implementation	Context		

		Public	✓	-
	owner	Public		-
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
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	✓	

	_beforeTokenTransfer	Internal	✓	
	_afterTokenTransfer	Internal	✓	
ERC20Burnable	Implementation	Context, ERC20		
	burn	Public	✓	-
	burnFrom	Public	✓	-
Token	Implementation	ERC20Burnable, Ownable		
		Public	✓	ERC20

Inheritance Graph



Legend

- Internal Call
- External Call
- Defined Contract
- Undefined Contract

Token

- <Constructor>

Ownable

- onlyOwner
- <Constructor>
- renounceOwnership
- transferOwnership
- owner
- msgSender

ERC20

- <Constructor>
- name
- symbol
- decimals
- totalSupply
- balanceOf
- transfer
- allowance
- transferFrom
- increaseAllowance
- decreaseAllowance
- approve
- burn
- _mint
- _transfer
- _msgSender
- _approve
- _burn
- beforeTokenTransfer
- afterTokenTransfer

ERC20Burnable

- burn
- burnFrom
- allowance

Context

- _msgSender
- _msgData

IERC20Metadata (iface)

- name
- symbol
- decimals

IERC20 (iface)

- totalSupply
- balanceOf
- transfer
- allowance
- approve
- transferFrom

Summary

StoryFire contract implements a token mechanism. This audit investigates security issues, business logic concerns, and potential improvements. StoryFire 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.

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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>