



Cyberscope

Audit Report

MINTONER

April 2022

Type BEP20

Network BSC

Address 0xE965A49e4A5f004e1dAf3dC8cE9E3cB2f7642Ef0

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Contract Review

Contract Name	TaxableTeamToken
Compiler Version	v0.6.12+commit.27d51765
Optimization	200 runs
Licence	None
Explorer	https://bscscan.com/token/0xE965A49e4A5faa4e1dAf3dC8cE9E3cB2f7642Ef0
Symbol	MNT
Decimals	18
Total Supply	150,000,000,000
Domain	mintoner.com

Source Files

Filename	SHA256
Address.sol	5c1d56802879fa04b8a03ca0e568fa08a14b0bff7aa498875eb6691d0db9ebcc
Context.sol	6a25312554a817075fbe85e3c57f5e0ecad5b0bac4303bd3967ce9680e71a2af
IERC20.sol	397534ef6f97a7fa11089b8f05cf5383749067352d06c0e39b880fd08743489a
Ownable.sol	ca4be1363bc35dced2d3ea3d3f92190f9b5753cc6d83d1a0c8c7f3b52eec2397
SafeMath.sol	c12e80c632ffe9759da012ded8a255048b87d4ee6d7156c7aa9f7e98e4b9a6b6
TaxableTeamToken.sol	c4e9db38246235954a85ae6a65980e909924142731be3e07d2eb630450258a53

Audit Updates

Initial Audit	2nd April 2022
Corrected	

Contract Analysis

● Critical ● Medium ● Minor ● Pass

Severity	Code	Description
●	ST	Contract Owner is not able to stop or pause transactions
●	OCTD	Contract Owner is not able to transfer tokens from specific address
●	OTUT	Owner Transfer User's Tokens
●	ELFM	Contract Owner is not able to increase fees more than a reasonable percent (25%)
●	ULTW	Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent
●	MT	Contract Owner is not able to mint new tokens
●	BT	Contract Owner is not able to burn tokens from specific wallet
●	BC	Contract Owner is not able to blacklist wallets from selling

Contract Diagnostics

● Critical ● Medium ● Minor

Severity	Code	Description
●	L01	Public Function could be Declared External
●	L07	Missing Events Arithmetic
●	L13	Divide before Multiply Operation
●	L15	Local Scope Variable Shadowing

L01 - Public Function could be Declared External

Criticality

minor

Location

TaxableTeamToken.sol#L76,80,84,88,92,96,101,106,110,115 and 6 more

Description

Public functions that are never called by the contract should be declared external to save gas.

```
reflectionFromToken
reflect
totalFees
isExcluded
decreaseAllowance
increaseAllowance
transferFrom
approve
allowance
...
```

Recommendation

Use the external attribute for functions never called from the contract

L07 - Missing Events Arithmetic

Criticality

minor

Location

TaxableTeamToken.sol#L174

Description

Detected missing events for critical arithmetic parameters. There are functions that have no event emitted, so it is difficult to track off-chain changes.

```
_feesPercentage = feesPercentage
```

Recommendation

Emit an event for critical parameter changes.

L13 - Divide before Multiply Operation

Criticality

minor

Location

TaxableTeamToken.sol#L46

Description

Performing divisions before multiplications may cause lose of prediction.

```
_rOwned[feeWallet] = _rTotal.div(1000).mul(5)  
_rOwned[owner] = _rTotal.div(1000).mul(995)
```

Recommendation

The multiplications should be prior to the divisions.

L15 - Local Scope Variable Shadowing

Criticality

minor

Location

TaxableTeamToken.sol#L47,48,49,51,39

Description

There are variables that are defined in the local scope containing the same name from an upper scope.

fees

decimals

symbol

name

Recommendation

The local variables should have different names from the upper scoped variables.

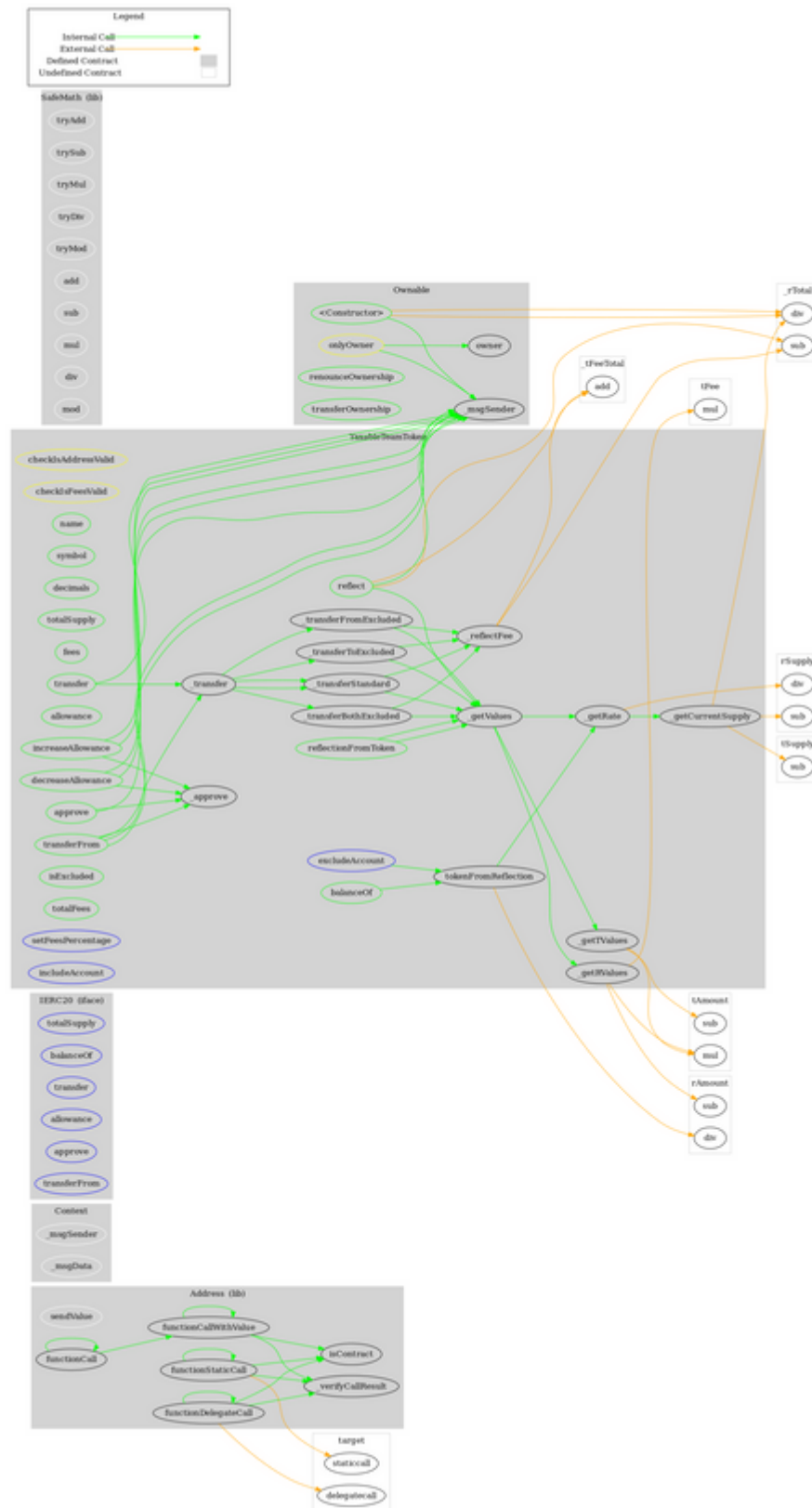
Contract Functions

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
Address	Library			
	isContract	Internal		
	sendValue	Internal	✓	
	functionCall	Internal	✓	
	functionCall	Internal	✓	
	functionCallWithValue	Internal	✓	
	functionCallWithValue	Internal	✓	
	functionStaticCall	Internal		
	functionStaticCall	Internal		
	functionDelegateCall	Internal	✓	
	functionDelegateCall	Internal	✓	
	_verifyCallResult	Private		
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
Ownable	Implementation	Context		
	<Constructor>	Internal	✓	
	owner	Public		-

	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
SafeMath	Library			
	tryAdd	Internal		
	trySub	Internal		
	tryMul	Internal		
	tryDiv	Internal		
	tryMod	Internal		
	add	Internal		
	sub	Internal		
	mul	Internal		
	div	Internal		
	mod	Internal		
	sub	Internal		
	div	Internal		
	mod	Internal		
TaxableTeamToken	Implementation	IERC20, Context, Ownable		
	<Constructor>	Public	✓	checkIsFeesValid checkIsAddressValid checkIsAddressValid
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	fees	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	increaseAllowance	Public	✓	-

	decreaseAllowance	Public	✓	-
	isExcluded	Public		-
	totalFees	Public		-
	reflect	Public	✓	-
	reflectionFromToken	Public		-
	tokenFromReflection	Public		-
	excludeAccount	External	✓	onlyOwner
	setFeesPercentage	External	✓	onlyOwner checkIsFeesValid
	includeAccount	External	✓	onlyOwner
	_approve	Private	✓	
	_transfer	Private	✓	
	_transferStandard	Private	✓	
	_transferToExcluded	Private	✓	
	_transferFromExcluded	Private	✓	
	_transferBothExcluded	Private	✓	
	_reflectFee	Private	✓	
	_getValues	Private		
	_getTValues	Private		
	_getRValues	Private		
	_getRate	Private		
	_getCurrentSupply	Private		

Contract Flow



Domain Info

Domain Name	mintoner.com
Registry Domain ID	2675489636_DOMAIN_COM-VRSN
Creation Date	2022-02-16T02:06:55Z
Updated Date	2022-02-16T02:06:56Z
Registry Expiry Date	2023-02-16T02:06:55Z
Registrar WHOIS Server	whois.godaddy.com
Registrar URL	https://www.godaddy.com
Registrar	GoDaddy.com, LLC
Registrar IANA ID	146

The domain has been created about 2 months before the creation of the audit. It will expire in 11 months.

There is no public billing information, the creator is protected by the privacy settings.

Summary

MINTONER 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

All the content provided in this document is for general information only and should not be used as financial advice or a reason to buy any investment.

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The Cyberscope team disclaims any liability for the resulting losses.

About Cyberscope

Coinscope audit and K.Y.C. service has been rebranded to Cyberscope.

Coinscope is the leading early coin listing, voting and auditing authority firm. The audit process is analyzing and monitoring many aspects of the project. That way, it gives the community a good sense of security using an informative report and a generic score.

Cyberscope and Coinscope are aiming to make crypto discoverable and efficient globally. They provides all the essential tools to assist users draw their own conclusions.



The Cyberscope team

<https://www.cyberscope.io>