



Cyberscope

# Audit Report

## **WINK**

October 2022

Type       BEP20

Network    BSC

Address    0x39C3D93023e9cd38f18322e265B569882ec7A387

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## Contract Review

<b>Contract Name</b>	StandardToken
<b>Compiler Version</b>	v0.8.4+commit.c7e474f2
<b>Optimization</b>	200 runs
<b>Licence</b>	MIT
<b>Explorer</b>	<a href="https://bscscan.com/token/0x39C3D93023e9cd38f18322e265B569882ec7A387">https://bscscan.com/token/0x39C3D93023e9cd38f18322e265B569882ec7A387</a>
<b>Symbol</b>	WINK
<b>Decimals</b>	18
<b>Total Supply</b>	200,000,000
<b>Domain</b>	<a href="http://winks.finance">http://winks.finance</a>

## Source Files

<b>Filename</b>	<b>SHA256</b>
<b>contract.sol</b>	43810ac0dfad3de7f65f6848ac6e3953da2024288d0937b62fa80707ff0dd5bf

## Audit Updates

<b>Initial Audit</b>	4th October 2022
<b>Corrected</b>	

# Contract 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

# Contract Diagnostics

● Critical   ● Medium   ● Minor / Informative

Severity	Code	Description	Status
●	L01	Public Function could be Declared External	Unresolved
●	L09	Dead Code Elimination	Unresolved

## L01 - Public Function could be Declared External

<b>Criticality</b>	minor / informative
<b>Location</b>	contract.sol#L165,483,553,522,649,515,622,173,491,508,540,593,570
<b>Status</b>	Unresolved

### Description

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

```
renounceOwnership  
name  
allowance  
balanceOf  
decreaseAllowance  
totalSupply  
increaseAllowance  
transferOwnership  
symbol  
...
```

### Recommendation

Use the external attribute for functions never called from the contract.

## L09 - Dead Code Elimination

<b>Criticality</b>	minor / informative
<b>Location</b>	contract.sol#L727,772
<b>Status</b>	Unresolved

### Description

Functions that are not used in the contract, and make the code's size bigger.

```
_burn  
_setupDecimals
```

### Recommendation

Remove unused functions.

# Contract Functions

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
Ownable	Implementation	Context		
	<Constructor>	Public	✓	-
	owner	Public		-
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
	_setOwner	Private	✓	
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		
<b>BaseToken</b>	Implementation			
<b>StandardToken</b>	Implementation	IERC20, Ownable, BaseToken		
	<Constructor>	Public	Payable	-
	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	✓	
	_setupDecimals	Internal	✓	
	_beforeTokenTransfer	Internal	✓	

# Contract Flow



## Domain Info

<b>Domain Name</b>	winks.finance
<b>Registry Domain ID</b>	b0cb5ae211ff401ca0bc411453878426-DONUTS
<b>Creation Date</b>	2022-06-30T16:09:19Z
<b>Updated Date</b>	2022-07-16T15:25:07Z
<b>Registry Expiry Date</b>	2023-06-30T16:09:19Z
<b>Registrar WHOIS Server</b>	whois.ionos.com
<b>Registrar URL</b>	<a href="https://www.ionos.com">https://www.ionos.com</a>
<b>Registrar</b>	IONOS SE
<b>Registrar IANA ID</b>	83

The domain was created 3 months before the creation of the audit. It will expire in 9 months.

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

## Summary

Wink 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.

## 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.

Cyberscope team provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Always Do your own research and protect yourselves from being scammed.

The Cyberscope team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools. Under no circumstances did Cyberscope receive a payment to manipulate those results or change the awarding badge that we will be adding in our website.

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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 provide all the essential tools to assist users draw their own conclusions.



The Cyberscope team

<https://www.cyberscope.io>