



Cyberscope

Audit Report

WINK

October 2022

Type BEP20

Network BSC

Address 0x0d22fa16495857Ec418f1329a19e05D910C191Cf

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Table of Contents

Table of Contents	1
Contract Review	2
Source Files	2
Audit Updates	2
Contract Analysis	3
Contract Diagnostics	4
L01 - Public Function could be Declared External	5
Description	5
Recommendation	5
L09 - Dead Code Elimination	6
Description	6
Recommendation	6
Contract Functions	7
Contract Flow	9
Domain Info	10
Summary	11
Disclaimer	12
About Cyberscope	13

Contract Review

Contract Name	StandardToken
Compiler Version	v0.8.4+commit.c7e474f2
Optimization	200 runs
Licence	MIT
Explorer	https://bscscan.com/token/0x0d22fa16495857Ec418f1329a19e05D910C191Cf
Symbol	WINK
Decimals	18
Total Supply	2,000,000,000
Domain	http://winks.finance

Source Files

Filename	SHA256
contract.sol	43810ac0dfad3de7f65f6848ac6e3953da2024288d0937b62fa80707ff0dd5bf

Audit Updates

Initial Audit	4th October 2022 https://github.com/cyberscope-io/audits/tree/main/wink/v1/audit.pdf
Corrected	9th October 2022

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

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

Criticality	minor / informative
Location	contract.sol#L727,772
Status	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		
BaseToken	Implementation			
StandardToken	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

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

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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>