Cyberscope

Audit Report
ByBarter

October 2022

Table of Contents

Contract Review

Contract Name	ByBarterCoin
Compiler Version	v0.8.7+commit.e28d00a7
Testing Deploy	https://testnet.bscscan.com/token/0xe50c9b5Ef466bEe975a357577813E8DB0616825a
Symbol	BYB
Decimals	18
Total Supply	1,000,000,000
Domain	bybarter.io

Source Files

Filename	**SHA256**
contract.sol	4e2a0858474c568e9d3c767d25aaca9b77b626a0f9e8e4dcf1c19454033796ff

Audit Updates

Initial Audit	29th March 2022 https://github.com/cyberscope-io/audits/blob/main/byb/v1/audit.pdf
Corrected	8th October 2022

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	Status
●	L09	Dead Code Elimination	Unresolved

L09 - Dead Code Elimination

Criticality	minor / informative
Location	contract.sol#L413
Status	Unresolved

Description

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

```
_burn
```

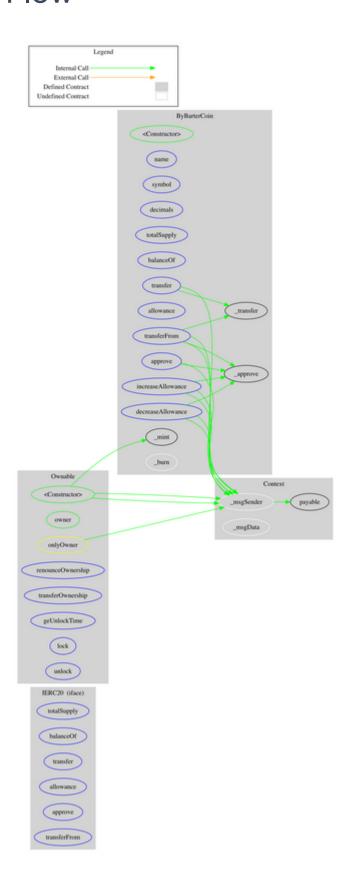## Recommendation

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	External	✓	onlyOwner
	transferOwnership	External	✓	onlyOwner
	geUnlockTime	External		-
	lock	External	✓	onlyOwner
	unlock	External	✓	-
ByBarterCoin	Implementation	Context, IERC20, Ownable		
	<Constructor>	Public	✓	-
	name	External		-
	symbol	External		-
	decimals	External		-
	totalSupply	External		-

	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
	increaseAllowance	External	✓	-
	decreaseAllowance	External	✓	-
	_transfer	Internal	✓	
	_mint	Internal	✓	
	_burn	Internal	✓	
	_approve	Internal	✓	

Contract Flow

Domain Info

Domain Name	bybarter.io
Registry Domain ID	98d60a1948404c58ae4ad0dd26c99cb8-DONUTS
Creation Date	2021-11-24T16:42:19Z
Updated Date	2021-11-29T16:43:13Z
Registry Expiry Date	2022-11-24T16:42:19Z
Registrar WHOIS Server	whois.godaddy.com
Registrar URL	http://www.godaddy.com/domains/search.aspx?ci=8990
Registrar	GoDaddy.com, LLC
Registrar IANA ID	146

The domain has been created 9 months before the creation of the audit. It will expire in 8 months.

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

Summary

ByBarter Token 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.

Always Do your own research and protect yourselves from scams. This document should not be presented as a reason to buy or not buy any particular token.

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