



Cyberscope

Audit Report

YBE

October 2022

Type BEP20

Network BSC

Address 0x88c0EA98260A2205D46572b79d0BC778c4d96fA3

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Contract Review

Contract Name	TokenFactory
Compiler Version	v0.4.19+commit.c4cbbb05
Optimization	200 runs
Licence	None
Explorer	https://bscscan.com/token/0x88c0EA98260A2205D46572b79d0BC778c4d96fA3
Symbol	YBE
Decimals	18
Total Supply	1,000,000
Domain	-

Source Files

Filename	SHA256
contract.sol	e4661987facfa4abefd8f43fe5c1a0ff537dd2394f257deec2637d1fb8eaa165

Audit Updates

Initial Audit	10th October 2022 https://github.com/cyberscope-io/audits/blob/main/ybe/v1/audit.pdf
Corrected	26th 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
●	L04	Conformance to Solidity Naming Conventions	Unresolved

L01 - Public Function could be Declared External

Criticality	minor / informative
Location	contract.sol#L57,50,13,14,15
Status	Unresolved

Description

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

```
balanceOf  
transfer  
allowance  
transferFrom  
approve
```

Recommendation

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

L04 - Conformance to Solidity Naming Conventions

Criticality	minor / informative
Location	contract.sol#L50,57,67,77,85
Status	Unresolved

Description

Solidity defines a naming convention that should be followed. Rule exceptions:

- Allow constant variable name/symbol/decimals to be lowercase.
- Allow `_` at the beginning of the `mixed_case` match for private variables and unused parameters.

```
_to  
_value  
_owner  
_from  
_spender  
...
```

Recommendation

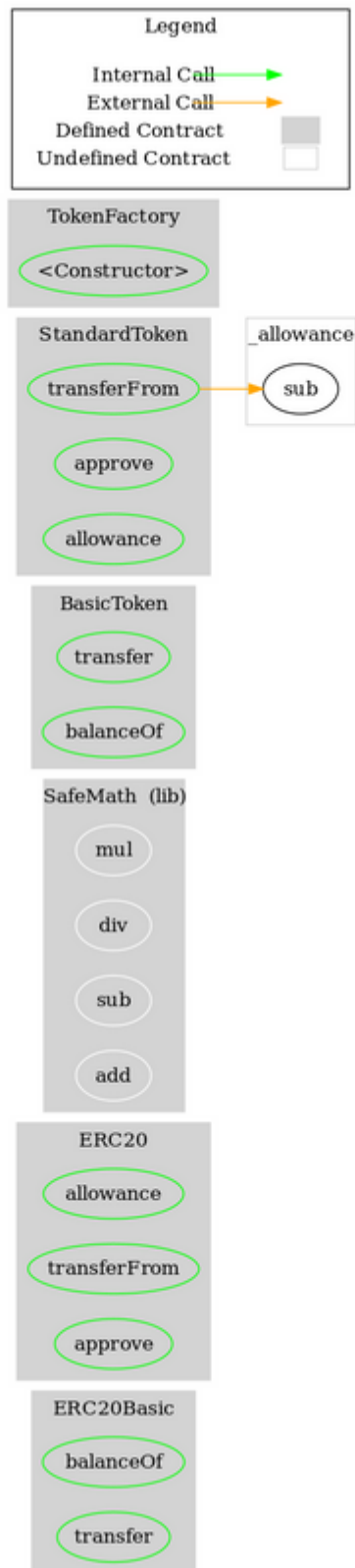
Follow the Solidity naming convention.

<https://docs.soliditylang.org/en/v0.4.25/style-guide.html#naming-conventions>.

Contract Functions

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
ERC20Basic	Implementation			
	balanceOf	Public		-
	transfer	Public	✓	-
ERC20	Implementation	ERC20Basic		
	allowance	Public		-
	transferFrom	Public	✓	-
	approve	Public	✓	-
SafeMath	Library			
	mul	Internal		
	div	Internal		
	sub	Internal		
	add	Internal		
BasicToken	Implementation	ERC20Basic		
	transfer	Public	✓	-
	balanceOf	Public		-
StandardToken	Implementation	ERC20, BasicToken		
	transferFrom	Public	✓	-
	approve	Public	✓	-
	allowance	Public		-
TokenFactory	Implementation	StandardToken		
	<Constructor>	Public	✓	-

Contract Flow



Summary

YBE 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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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>