



Cyberscope

Audit Report

PINKCHAIN

October 2022

Type BEP20

Network BSC

Address 0xFF965effA6a9E5A9b21c28dAf230EC794c154641

Audited by © cyberscope

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Contract Review

Contract Name	PinkToken
Compiler Version	v0.7.6+commit.7338295f
Optimization	200 runs
Licence	MIT
Explorer	https://bscscan.com/token/0xFF965effA6a9E5A9b21c28dAf230EC794c154641
Symbol	PINK
Decimals	18
Total Supply	5,000,000
Domain	pinkchain.net

Source Files

Filename	SHA256
contract.sol	c4cbc7efc47fa3e2aaf54ee03382a15209849bed660236956a55ae26b067d48a

Audit Updates

Initial Audit	22nd October 2022
Corrected	

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
●	L02	State Variables could be Declared Constant	Unresolved
●	L04	Conformance to Solidity Naming Conventions	Unresolved
●	L09	Dead Code Elimination	Unresolved

L02 - State Variables could be Declared Constant

Criticality	minor / informative
Location	contract.sol#L32
Status	Unresolved

Description

Constant state variables should be declared constant to save gas.

```
_totalSupply
```

Recommendation

Add the constant attribute to state variables that never change.

L04 - Conformance to Solidity Naming Conventions

Criticality	minor / informative
Location	contract.sol#L32
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.

```
_totalSupply
```

Recommendation

Follow the Solidity naming convention.

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

L09 - Dead Code Elimination

Criticality	minor / informative
Location	contract.sol#L132
Status	Unresolved

Description

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

```
ceil
```

Recommendation

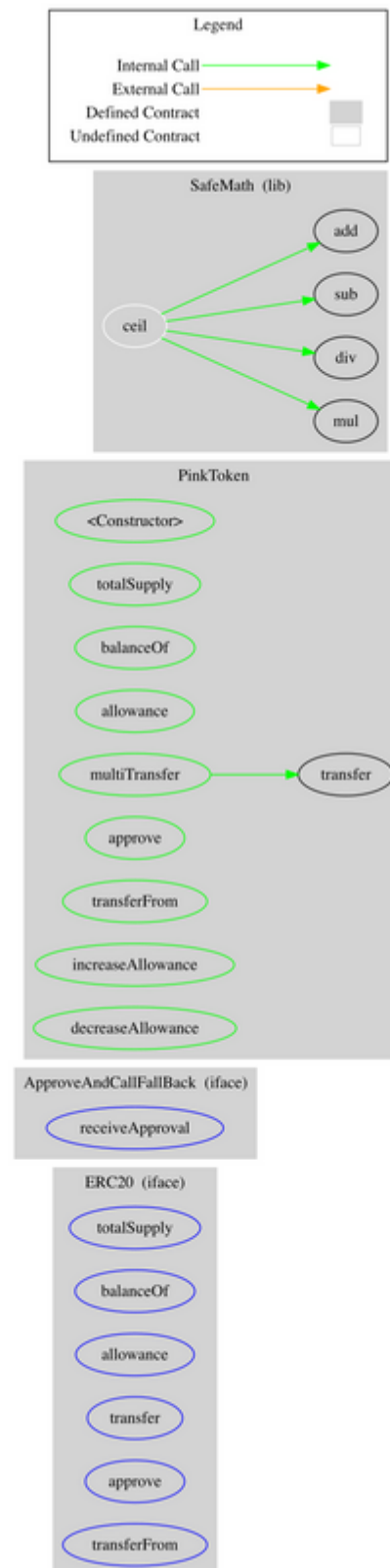
Remove unused functions.

Contract Functions

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
ERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	allowance	External		-
	transfer	External	✓	-
	approve	External	✓	-
	transferFrom	External	✓	-
ApproveAndCallFallback	Interface			
	receiveApproval	External	✓	-
PinkToken	Implementation	ERC20		
	<Constructor>	Public	✓	-
	totalSupply	Public		-
	balanceOf	Public		-
	allowance	Public		-
	transfer	Public	✓	-
	multiTransfer	Public	✓	-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	increaseAllowance	Public	✓	-
	decreaseAllowance	Public	✓	-
SafeMath	Library			
	mul	Internal		
	div	Internal		
	sub	Internal		
	add	Internal		

	ceil	Internal		
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Contract Flow



Domain Info

Domain Name	pinkchain.net
Registry Domain ID	2727014303_DOMAIN_NET-VRSN
Creation Date	2022-09-22T09:11:21.00Z
Updated Date	0001-01-01T00:00:00.00Z
Registry Expiry Date	2023-09-22T09:11:21.00Z
Registrar WHOIS Server	whois.namecheap.com
Registrar URL	http://www.namecheap.com
Registrar	NAMECHEAP INC
Registrar IANA ID	1068

The domain was created about 1 month 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

PINKCHAIN 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>