Audit Report

Arc

February 2022

Type	BEP20
Network	BSC TESTNET
Address	0xc0CC200EfeAEBeCADd6D8772bc74092dF4B1e08F
Audited by	© coinscope

Table of Contents

Contract Review

Contract Name	ArcToken
Compiler Version	v0.8.9+commit.e5eed63a
Optimization	200 runs
Licence	
Explorer	https://bscscan.com/token/0xc0CC200EfeAEBeCADd6D8772bc74092dF4B1e08F
Symbol	ARC
Decimals	8
Total Supply	1,000,000
Source	contracts/ArcToken.sol, contracts/openzeppelin/ERC20.sol, contracts/openzeppelin/Ownable.sol, contracts/openzeppelin/IERC20.sol, contracts/openzeppelin/IERC20Metadata.sol, contracts/openzeppelin/Context.sol
Domain	arctoken.space

Audit Updates

Initial Audit	13th February 2022
Corrected	

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

The contract is a pure ERC20 implementation. Hence, there are no diagnostics findings.
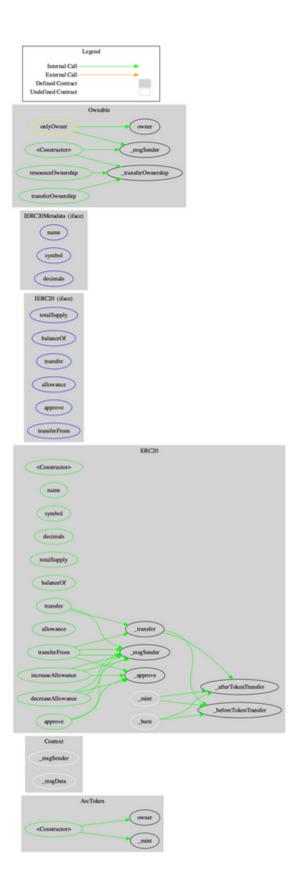
Contract Functions

Contract	Type	Bases		
	Function Name	**Visibility**	**Mutability**	**Modifiers**
ArcToken	Implementation	ERC20, Ownable		
	<Constructor>	Public	✓	ERC20
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
ERC20	Implementation	Context, IERC20, IERC20Metadata		
	<Constructor>	Public	✓	-
	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	✓	
	_beforeTokenTransfer	Internal	✓	
	_afterTokenTransfer	Internal	✓	

IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
IERC20Metadata	Interface	IERC20		
	name	External		-
	symbol	External		-
	decimals	External		-
Ownable	Implementation	Context		
	<Constructor>	Public	✓	-
	owner	Public		-
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
	_transferOwnership	Internal	✓	

Contract Flow

Domain Info

Domain Name	arctoken.space
Registry Domain ID	D263401022-CNIC
Creation Date	2021-12-10T12:30:08.0Z
Updated Date	2022-01-06T13:18:11.0Z
Registry Expiry Date	2022-12-10T23:59:59.0Z
Registrar WHOIS Server	whois.ovh.com
Registrar URL	http://www.ovh.com
Registrar	OVH
Registrar IANA ID	433

The domain has been created 2 months before the creation of the audit. It will expire in 10 months.

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

Summary

The contract is a pure implementation of the ERC20 interface.

The Smart Contract analysis reported no compiler error or critical issues. In fact there are not any functions that can be abused by the owner to interrupt the user's transactions.

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The Coinscope.co team

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