Cyberscope

Audit Report

Hospitality Token

March 2022

Type	ERC20
Network	ETH
Address	0x469726111310ED20d181Dd646cc017A04e3298Ff
Audited by	© cyberscope

Table of Contents

Contract Review

Contract Name	HospitalityToken
Compiler Version	v0.8.11+commit.d7f03943
Optimization	1000 runs
Licence	
Explorer	https://bscscan.com/token/0x469726111310ED20d181Dd646cc017A04e3298Ff
Symbol	HT
Decimals	18
Total Supply	100,000,000,000
Domain	hospitality-token.com

Audit Updates

Initial Audit	2nd April 2022
Corrected	

Source Files

Filename	SHA256
@openzeppelin/contracts/token/ERC20/ERC20.sol	f7831910f2ed6d32acff6431e5998baf50e4a00121303b27e974aab0ec637d79
@openzeppelin/contracts/token/ERC20/extensions/ERC20Burnable.sol	0344809a1044e11ece2401b4f7288f414ea41fa9d1dad24143c84b737c9fc02e
@openzeppelin/contracts/token/ERC20/extensions/IERC20Metadata.sol	af5c8a77965cc82c33b7ff844deb9826166689e55dc037a7f2f790d057811990
@openzeppelin/contracts/token/ERC20/IERC20.sol	c2b06bb4572bb4f84bfc5477dadc0fcc497cb66c3a1bd53480e68bedc2e154a6
@openzeppelin/contracts/utils/Context.sol	1458c260d010a08e4c20a4a517882259a23a4baa0b5bd9add9fb6d6a1549814a
@openzeppelin/contracts/utils/math/SafeMath.sol	15941f3904992a62ed117e93d9e2d5c4c22bd09a7ff97fdd5f49273cf09703ac
contracts/HospitalityToken.sol	61340d4a97f3976fcf0422d7e665a2e14dde040caf75e3ab46d9955ef2ab7bb0

Contract Analysis

● Critical   ● Medium   ● Minor   ● Pass

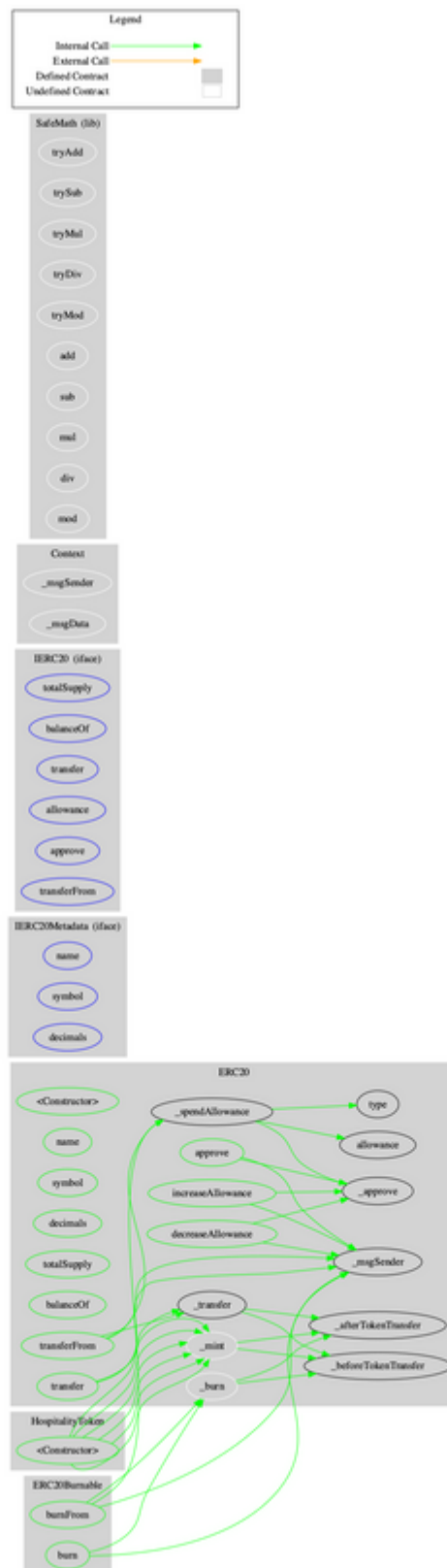| Severity	Code	Description
●	ST	Contract Owner is not able to stop or pause transactions
●	OCTD	Contract Owner is not able to transfer tokens from specific address
●	OTUT	Owner Transfer User's Tokens
●	ELFM	Contract Owner is not able to increase fees more than a reasonable percent (25%)
●	ULTW	Contract 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 implementation of the ERC20 interface. Hence, there are no remarkable findings.

Contract Functions

Contract	Type	Bases		
	Function Name	**Visibility**	**Mutability**	**Modifiers**
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	✓	
	_spendAllowance	Internal	✓	
	_beforeTokenTransfer	Internal	✓	
	_afterTokenTransfer	Internal	✓	
ERC20Burnable	Implementation	Context, ERC20		
	burn	Public	✓	-
	burnFrom	Public	✓	-
IERC20Metada	Interface	IERC20		

ta					
	name	External		-	
	symbol	External		-	
	decimals	External		-	
IERC20	Interface				
	totalSupply	External		-	
	balanceOf	External		-	
	transfer	External	✓	-	
	allowance	External		-	
	approve	External	✓	-	
	transferFrom	External	✓	-	
Context	Implementation				
	_msgSender	Internal			
	_msgData	Internal			
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			
HospitalityToken	Implementation	ERC20, ERC20Burnable			
	<Constructor>	Public	✓	ERC20	

Contract Flow

Domain Info

Domain Name	
Registry Domain ID	2676805271_DOMAIN_COM-VRSN
Creation Date	2022-02-22T03:10:33.00Z
Updated Date	0001-01-01T00:00:00.00Z
Registry Expiry Date	
Registrar WHOIS Server	whois.namecheap.com
Registrar URL	http://www.namecheap.com
Registrar	NAMECHEAP INC
Registrar IANA ID	1068

The domain has been created 16 days before the creation of the audit.

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

Summary

The Smart Contract analysis reported no compiler error or critical issues since it is a pure implementation of the ERC20 interface. There are no functions that can be abused by the owner to interrupt the user's transactions.

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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