Audit Report

CoinDogs

December 2021

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Contract Review

Contract Name	DogERC20
Compiler Version	v0.8.7+commit.e28d00a7
Optimization	500 runs
Licence	MIT
Explorer	https://bscscan.com/address/0x08266cdc08260a89558128b8dce4e4162fbcf892#code
Symbol	DOG
Decimals	8
Total Supply	1,000,000,000
Website	https://coindogs.com/

Audit Updates

Initial Audit	9 December 2021
Corrected	

Contract Analysis

Pass	Description
✓	Contract Owner is not able to mint new tokens
✓	Contract Owner is not able to burn new tokens
✓	Contract Owner is not able to increase fees more than a reasonable percent
✓	Contract Owner is not able to stop or pause transactions
✓	Contract Owner is not able to transfer tokens for specific address
✓	Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent
✓	Contract Owner is not able to blacklist wallets from selling

Contract Diagnostics

Pass	Name
✓	Integer Underflow
✓	Parity Multisig Bug
✓	Callstack Depth Attack
✓	Transaction-Ordering Dependency
✓	Timestamp Dependency
✓	Re-Entrancy

Contract Functions

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
IERC165	Interface			
	supportsInterface	External		-
ERC165	Implementation	IERC165		
	supportsInterface	Public		-
Strings	Library			
	toString	Internal		
	toHexString	Internal		
	toHexString	Internal		
IAccessControl	Interface			
	hasRole	External		-
	getRoleAdmin	External		-

	grantRole	External	✓	-
	revokeRole	External	✓	-
	renounceRole	External	✓	-
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
AccessControl	Implementation	Context, IAccessControl, ERC165		
	supportsInterface	Public		-
	hasRole	Public		-
	_checkRole	Internal		
	getRoleAdmin	Public		-
	grantRole	Public	✓	onlyRole
	revokeRole	Public	✓	onlyRole
	renounceRole	Public	✓	-
	_setupRole	Internal	✓	
	_setRoleAdmin	Internal	✓	

	_grantRole	Internal	✓	
	_revokeRole	Internal	✓	
ControlContract	Implementation	AccessControl		
		Public	✓	-
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
IERC20Metadata	Interface	IERC20		
	name	External		-
	symbol	External		-
	decimals	External		-

ERC20	Implementation	Context, IERC20, IERC20Metadata		
		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	✓	
DogERC20	Implementation	ERC20, ControlContract		
		Public	✓	ERC20
	buyDogToken	External	✓	-
	decimals	Public		-

Contract Flow

Domain Info

Domain Name	coindogs.com
Registry Domain ID	2143072698_DOMAIN_COM-VRSN
Registrar WHOIS Server	whois.godaddy.com
Registrar URL	https://www.godaddy.com
Updated Date	2019-07-29T10:25:24Z
Creation Date	2017-07-14T07:48:19Z
Registry Expiry Date	2022-07-14T07:48:19Z
Registrar	GoDaddy.com, LLC
Registrar IANA ID	146

The domain was created almost 5 years before the analysis of the audit. It will expire in one year. Having the domain for so many years indicates careful planning.

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

Summary

CoinDogs is a blockchain-based game for people who love dogs, races and NFTs. The team claims it will be a multiplayer game where you can raise or buy a virtual dog, participate in races against other players' dogs for fun and profit and create your own NFT collection. The contract analysis showed no compiler errors or critical issues. Finally, the team has passed KYC with Pinksale, meaning that their private information is saved in their database and will be released to the internet in case of fraud/theft.

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About Coinscope

Coinscope is the leading early coin listing, voting and auditing authority firm. The audit process is analysing 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.

Coinscope is aiming to make crypto discoverable and efficient globally. It provides all the essential tools to assist users draw their own conclusions.

The Coinscope.co team

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