Cyberscope

Audit Report
Coincreate

June 2024

Analysis

● Critical   ● Medium   ● Minor / Informative   ● Pass

Severity	Code	Description	Status
●	ST	Stops Transactions	Passed
●	OTUT	Transfers User's Tokens	Passed
●	ELFM	Exceeds Fees Limit	Passed
●	MT	Mints Tokens	Passed
●	BT	Burns Tokens	Passed
●	BC	Blacklists Addresses	Passed

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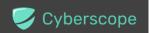
Review

Contract Name	Token
Testing Deploy	https://testnet.bscscan.com/address/0x56b3efd9582c928d3c216a37215acb7b710aa668
Symbol	TD
Decimals	18
Total Supply	10,000,000
Badge Eligibility	Yes

Audit Updates

Initial Audit	11 Jun 2024
Corrected Phase 2	26 Jun 2024
Corrected Phase 3	01 Jul 2024
Corrected Phase 4	05 Jul 2024

Source Files

Filename	SHA256
contracts/Token.sol	21c4b950b5177c256411bc461f5a15fbcf9728244b39e668772ab8c6e12160fe

Findings Breakdown

Severity	Unresolved	Acknowledged	Resolved	Other
🔴 Critical	0	0	0	0
🟠 Medium	0	0	0	0
⚪ Minor / Informative	0	0	0	0

Functions Analysis

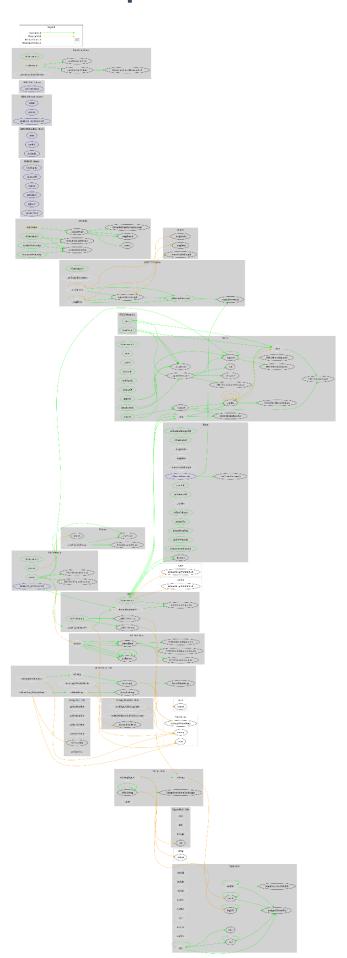| Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
Token	Implementation	ERC20, Ownable, ERC20Permit, ERC2771Context, ReentrancyGuard, ERC20Burnable		
	setContractImageURI	Public	✓	onlyOwner
		Public	✓	Ownable ERC20 ERC20Permit ERC2771Context
	_msgSender	Internal		
	_msgData	Internal		
	_contextSuffixLength	Internal		
	setTrustedForwarder	External	✓	onlyOwner
	tokenURI	Public		-
	setTokenURI	Public	✓	onlyOwner
	_update	Internal	✓	
	setTaxCollector	Public	✓	onlyOwner
	reduceTax	Public	✓	onlyOwner
	reduceBurnRate	Public	✓	onlyOwner
	addToWhitelist	Public	✓	onlyOwner
	removeFromWhitelist	Public	✓	onlyOwner

Inheritance Graph

Flow Graph

Summary

Coincreate contract implements a token mechanism. This audit investigates security issues, business logic concerns and potential improvements. Coincreate 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. There is also a limit of max 25% fees.

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Blockchain technology and cryptographic assets present a high level of ongoing risk Cyberscope's position is that each company and individual are responsible for their own due diligence and continuous security Cyberscope's goal is to help reduce the attack vectors and the high level of variance associated with utilizing new and consistently changing technologies and in no way claims any guarantee of security or functionality of the technology we agree to analyze. The assessment services provided by Cyberscope are subject to dependencies and are under continuing development. You agree that your access and/or use including but not limited to any services reports and materials will be at your sole risk on an as-is where-is and as-available basis Cryptographic tokens are emergent technologies and carry with them high levels of technical risk and uncertainty. The assessment reports could include false positives false negatives and other unpredictable results. The services may access and depend upon multiple layers of third parties.

About Cyberscope

Cyberscope is a blockchain cybersecurity company that was founded with the vision to make web3.0 a safer place for investors and developers. Since its launch, it has worked with thousands of projects and is estimated to have secured tens of millions of investors' funds.

Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.

The Cyberscope team

https://www.cyberscope.io