



Cyberscope

Audit Report

# Suriname Bitcoin

February 2024

SHA256 e141c9ef66f0f8fde7cda5172a1f15dfe2afbea754c800f4038c7bc786c4c721

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# 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	SurinameBitcoin
Testing Deploy	<a href="https://testnet.bscscan.com/address/0x1c57384e9e10afc423df02e07b7534349ff70ec4">https://testnet.bscscan.com/address/0x1c57384e9e10afc423df02e07b7534349ff70ec4</a>
Symbol	SBC
Decimals	18
Total Supply	1,975,000,000
Badge Eligibility	Yes




## Audit Updates

Initial Audit	14 Feb 2024 <a href="https://github.com/cyberscope-io/audits/blob/main/6-sbc/v1/audit.pdf">https://github.com/cyberscope-io/audits/blob/main/6-sbc/v1/audit.pdf</a>
Corrected Phase 2	28 Feb 2024

## Source Files

Filename	SHA256
contracts/SurinameBitcoin.sol	e141c9ef66f0f8fde7cda5172a1f15dfe2afb ea754c800f4038c7bc786c4c721

## 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

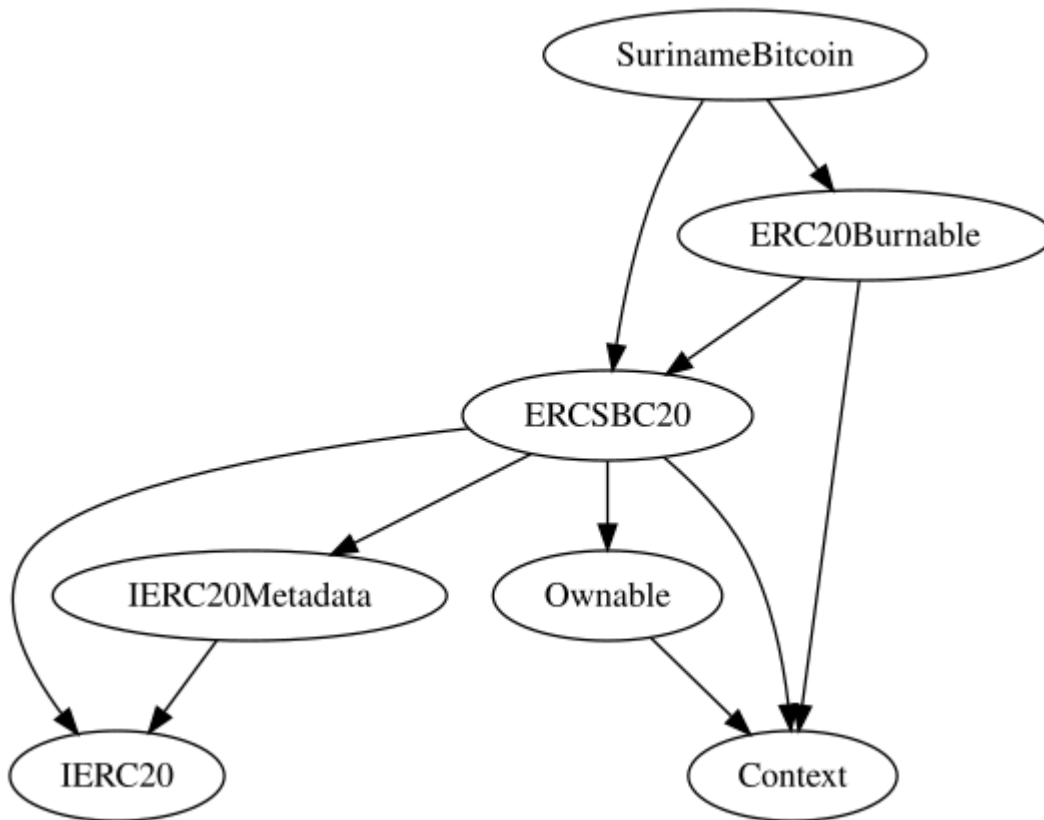
Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
<b>Context</b>	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
<b>Ownable</b>	Implementation	Context		
		Public	✓	-
	owner	Public		-
	_checkOwner	Internal		
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
	_transferOwnership	Internal	✓	
<b>IERC20</b>	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-

	transferFrom	External	✓	-
<b>IERC20Metadata</b>	Interface	IERC20		
	name	External		-
	symbol	External		-
	decimals	External		-
<b>ERC20</b>	Implementation	Context, IERC20, IERC20Meta data, Ownable		
		Public	✓	-
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	increaseAllowance	Public	✓	-
	decreaseAllowance	Public	✓	-
	changeTxTax	Public	✓	onlyOwner
	excludeFromTax	Public	✓	onlyOwner

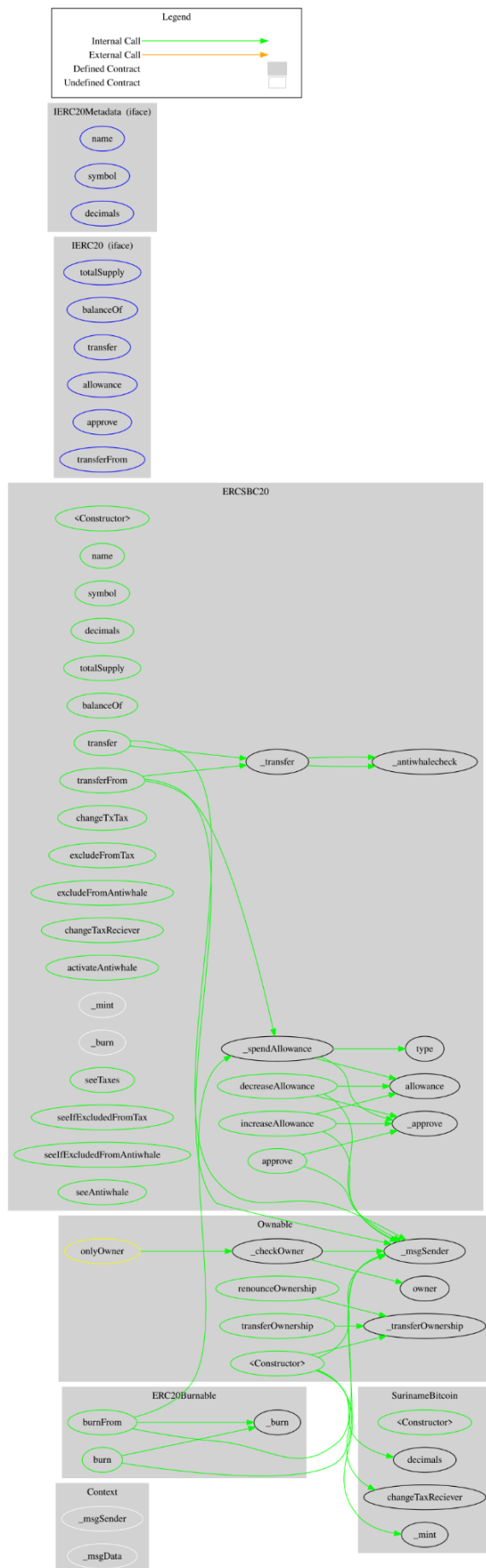
	excludeFromAntiwhale	Public	✓	onlyOwner
	changeTaxReceiver	Public	✓	onlyOwner
	activateAntiwhale	Public	✓	onlyOwner
	_transfer	Internal	✓	
	_antiwhalecheck	Internal		
	_mint	Internal	✓	
	_burn	Internal	✓	
	_approve	Internal	✓	
	_spendAllowance	Internal	✓	
	seeTaxes	Public		-
	seelfExcludedFromTax	Public		-
	seelfExcludedFromAntiwhale	Public		-
	seeAntiwhale	Public		-
<b>ERC20Burnable</b>	Implementation	Context, ERC20Burnable		
	burn	Public	✓	-
	burnFrom	Public	✓	-
<b>SurinameBitcoin</b>	Implementation	ERC20Burnable, ERC20Burnable		
		Public	✓	ERC20Burnable



## Inheritance Graph



# Flow Graph



## Summary

Suriname Bitcoin contract implements a token mechanism. This audit investigates security issues, business logic concerns and potential improvements. Suriname Bitcoin 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 4% fee.

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# 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>