



Cyberscope

Audit Report

ShibaKeanu

February 2024

Network BSC

Address 0x314bc6c98a28bd0580651233c351f2994cc12645

Audited by © cyberscope

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

Diagnostics

● Critical ● Medium ● Minor / Informative

Severity	Code	Description	Status
●	CR	Code Repetition	Unresolved

Table of Contents

Analysis	1
Diagnostics	2
Table of Contents	3
Review	4
Audit Updates	4
Source Files	5
Findings Breakdown	6
CR - Code Repetition	7
Description	7
Recommendation	7
Functions Analysis	8
Inheritance Graph	11
Flow Graph	12
Summary	13
Disclaimer	14
About Cyberscope	15

Review

Contract Name	ShibaKeanu
Compiler Version	v0.8.4+commit.c7e474f2
Optimization	200 runs
Explorer	https://bscscan.com/address/0x314bc6c98a28bd0580651233c351f2994cc12645
Address	0x314bc6c98a28bd0580651233c351f2994cc12645
Network	BSC
Symbol	SHIBK
Decimals	18
Total Supply	888,000,000,000,000
Badge Eligibility	Yes

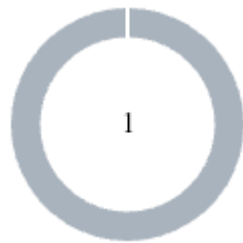
Audit Updates

Initial Audit	14 Feb 2024 https://github.com/cyberscope-io/audits/blob/main/1-shibk/v1/audit.pdf
Corrected Phase 2	18 Feb 2024 https://github.com/cyberscope-io/audits/blob/main/1-shibk/v2/audit.pdf
Corrected Phase 3	27 Feb 2024

Source Files

Filename	SHA256
contracts/ShibaKeanu.sol	177518b46d660bcc201b6b0cada2a86e45b08454c58e606c497ba1a61 26ad2d2

Findings Breakdown



● Critical	0
● Medium	0
● Minor / Informative	1

Severity	Unresolved	Acknowledged	Resolved	Other
● Critical	0	0	0	0
● Medium	0	0	0	0
● Minor / Informative	1	0	0	0

CR - Code Repetition

Criticality	Minor / Informative
Location	contracts/ShibaKeanu.sol#L535,542
Status	Unresolved

Description

The contract contains repetitive code segments. There are potential issues that can arise when using code segments in Solidity. Some of them can lead to issues like gas efficiency, complexity, readability, security, and maintainability of the source code. It is generally a good idea to try to minimize code repetition where possible.

```
unchecked {  
    _balances[from] = fromBalance - amount;  
}  
_balances[to] += amount;  
emit Transfer(from, to, amount);
```

Recommendation

The team is advised to avoid repeating the same code in multiple places, which can make the contract easier to read and maintain. The authors could try to reuse code wherever possible, as this can help reduce the complexity and size of the contract. For instance, the contract could reuse the common code segments in an internal function in order to avoid repeating the same code in multiple places.

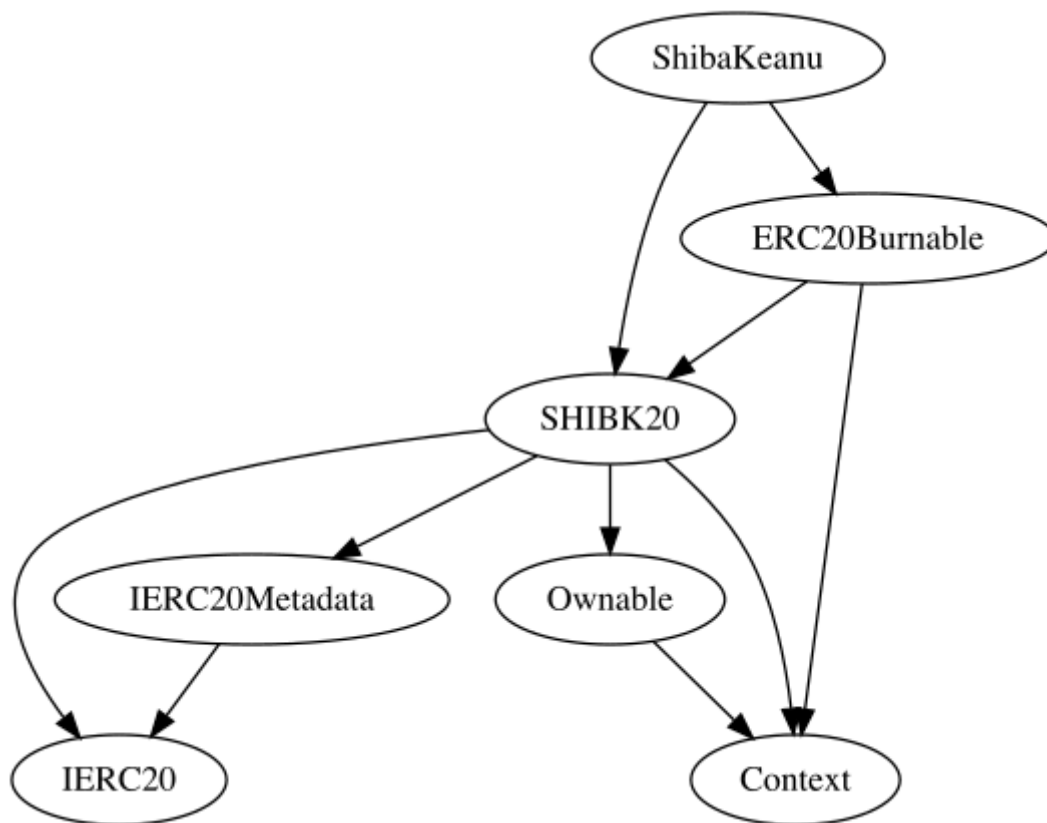
Functions Analysis

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

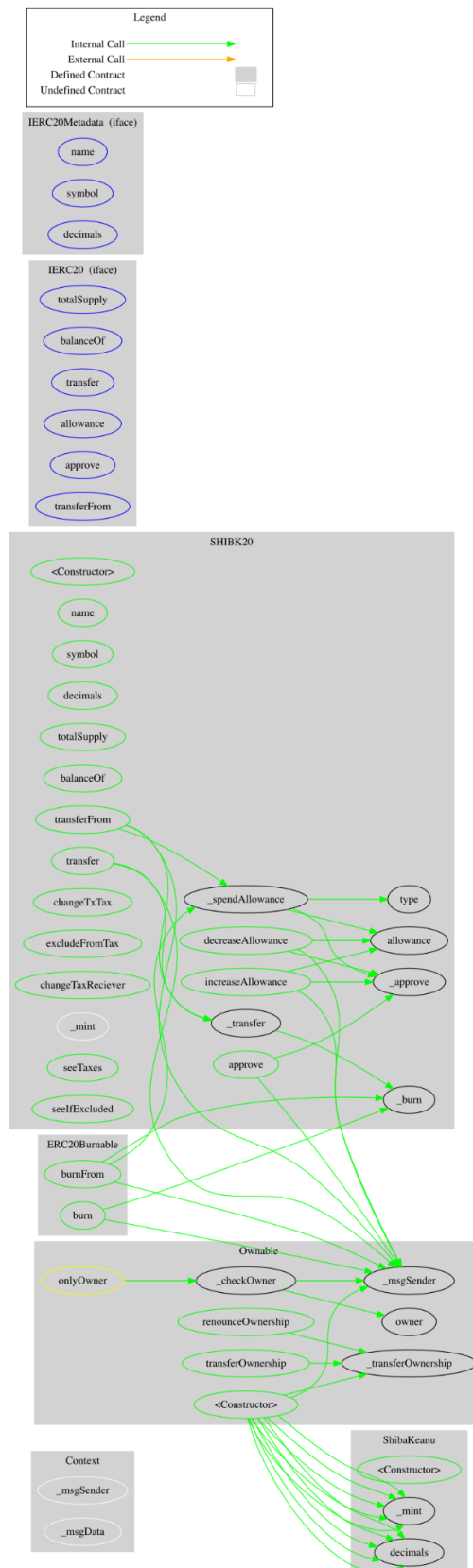
	transferFrom	External	✓	-
IERC20Metadata	Interface	IERC20		
	name	External		-
	symbol	External		-
	decimals	External		-
SHIBK20	Implementation	Context, IERC20, IERC20Meta data, Ownable		
		Public	✓	-
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	increaseAllowance	Public	✓	-
	decreaseAllowance	Public	✓	-
	changeTxTax	Public	✓	onlyOwner
	excludeFromTax	Public	✓	onlyOwner

	changeTaxReciever	Public	✓	onlyOwner
	_transfer	Internal	✓	
	_mint	Internal	✓	
	_burn	Internal	✓	
	_approve	Internal	✓	
	_spendAllowance	Internal	✓	
	seeTaxes	Public		-
	seelfExcluded	Public		-
ERC20Burnable	Implementation	Context, SHIBK20		
	burn	Public	✓	-
	burnFrom	Public	✓	-
ShibaKeanu	Implementation	SHIBK20, ERC20Burna ble		
		Public	✓	SHIBK20

Inheritance Graph



Flow Graph



Summary

ShibaKeanu contract implements a token mechanism. This audit investigates security issues, business logic concerns, and potential improvements. ShibaKeanu is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler errors 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 2% fees.

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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>