



Cyberscope

Audit Report

Zik coin

May 2024

Network ETH

Address 0xD4419C2d3DAA986Dc30444Fa333a846be44Fd1eb

Audited by © cyberscope

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Review

Contract Name	FixedToken
Compiler Version	v0.8.12+commit.f00d7308
Optimization	200 runs
Explorer	https://etherscan.io/address/0xD4419C2d3DAA986Dc30444Fa333a846be44Fd1eb
Address	0xD4419C2d3DAA986Dc30444Fa333a846be44Fd1eb
Network	ETH
Symbol	ZIK
Decimals	18
Total Supply	10,000,000,000,000

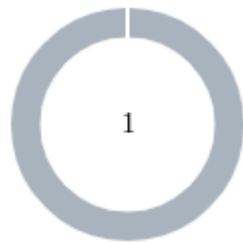
Audit Updates

Initial Audit	30 May 2024
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Source Files

Filename	SHA256
FixedToken.sol	a3e8c5df1bbcb604086d4024be061c692f69d258840b2e61b3d6cba3343e804

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

Diagnostics

● Critical ● Medium ● Minor / Informative

Severity	Code	Description	Status
●	L19	Stable Compiler Version	Unresolved

L19 - Stable Compiler Version

Criticality	Minor / Informative
Location	FixedToken.sol#L3
Status	Unresolved

Description

The `^` symbol indicates that any version of Solidity that is compatible with the specified version (i.e., any version that is a higher minor or patch version) can be used to compile the contract. The version lock is a mechanism that allows the author to specify a minimum version of the Solidity compiler that must be used to compile the contract code. This is useful because it ensures that the contract will be compiled using a version of the compiler that is known to be compatible with the code.

```
pragma solidity ^0.8.10;
```

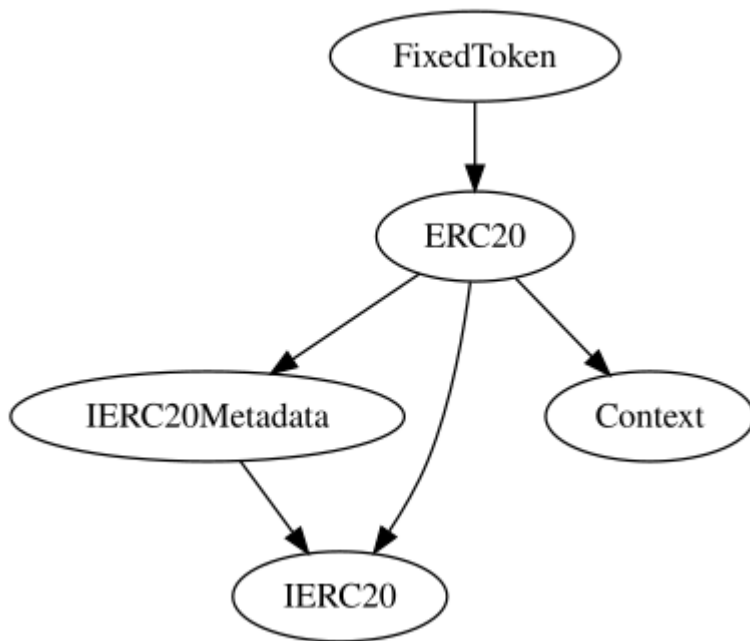
Recommendation

The team is advised to lock the pragma to ensure the stability of the codebase. The locked pragma version ensures that the contract will not be deployed with an unexpected version. An unexpected version may produce vulnerabilities and undiscovered bugs. The compiler should be configured to the lowest version that provides all the required functionality for the codebase. As a result, the project will be compiled in a well-tested LTS (Long Term Support) environment.

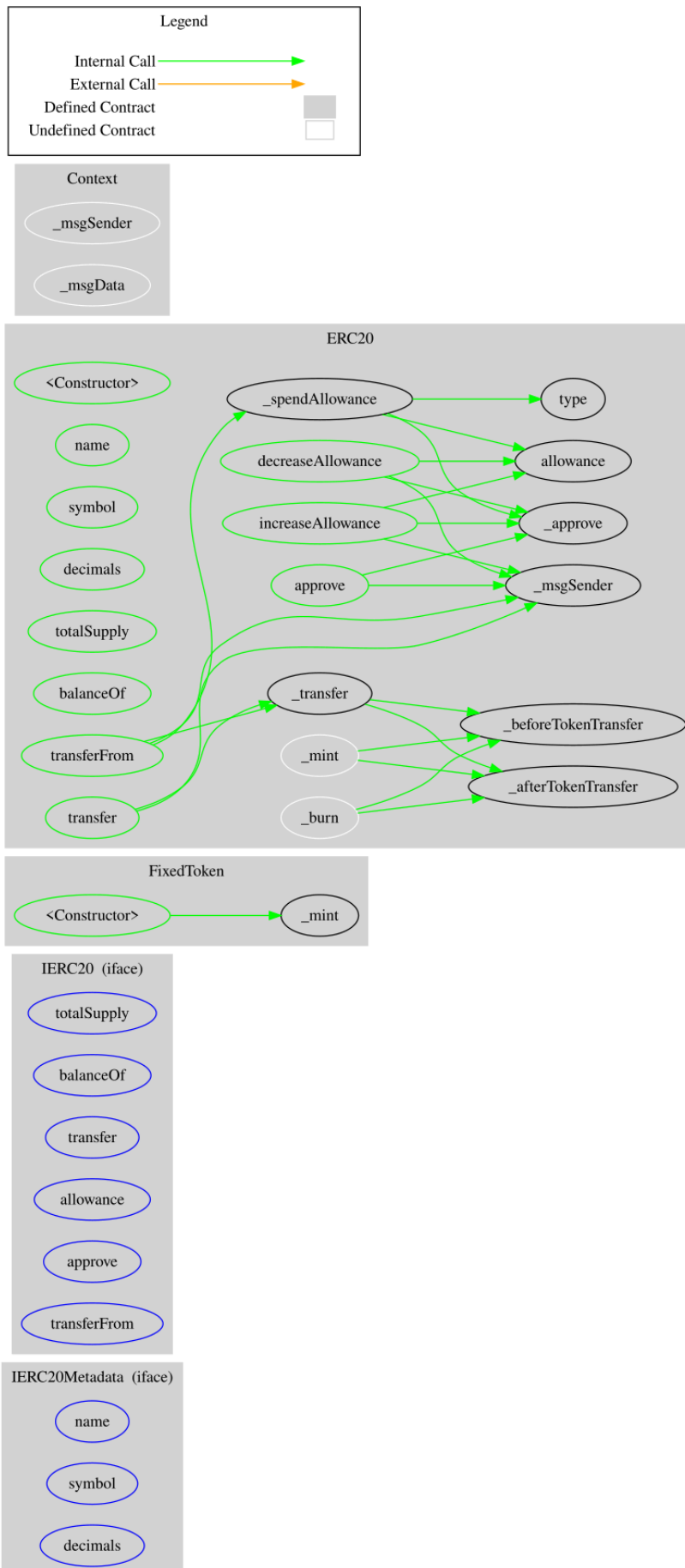
Functions Analysis

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
FixedToken	Implementation	ERC20		
		Public	Payable	ERC20

Inheritance Graph



Flow Graph



Summary

Zik coin contract implements a token mechanism. This audit investigates security issues, business logic concerns and potential improvements. Zik coin 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.

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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

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