



Cyberscope

Audit Report

Oshikuru

June 2023

Network ETH

Address 0x25156aCC07ac2cfB09901cAf242a14F94E76D1d3

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
●	L19	Stable Compiler Version	Unresolved

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Review

Contract Name	Oshikuru
Compiler Version	v0.8.18+commit.87f61d96
Optimization	200 runs
Explorer	https://etherscan.io/address/0x25156acc07ac2cfb09901caf242a14f94e76d1d3
Address	0x25156acc07ac2cfb09901caf242a14f94e76d1d3
Network	ETH
Symbol	OSHI
Decimals	18
Total Supply	1,000,000,000

Audit Updates

Initial Audit	22 Jun 2023
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Source Files

Filename	SHA256
Oshikuru.sol	a549c59c9981ea3f81bb8814cd7ef05056c37bb9fa17f8c201e9967688174a7f

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

L19 - Stable Compiler Version

Criticality	Minor / Informative
Location	Oshikuru.sol#L8
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 ^0.8.0;
```

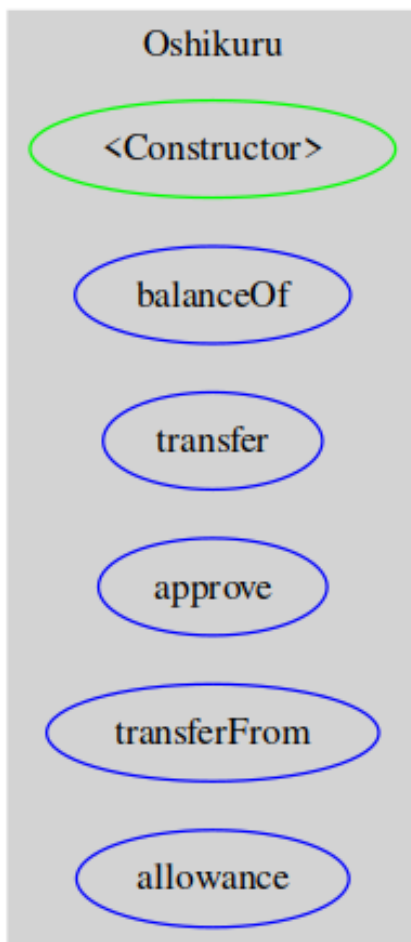
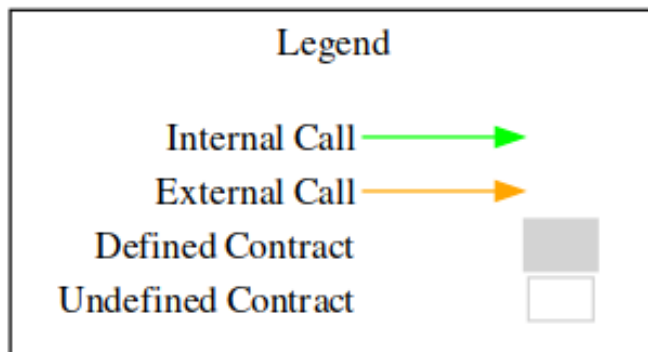
Recommendation

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
Oshikuru	Implementation			
		Public	✓	-
	balanceOf	External		-
	transfer	External	✓	-
	approve	External	✓	-
	transferFrom	External	✓	-
	allowance	External		-

Flow Graph



Summary

Oshikuru contract implements a token mechanism. This audit investigates security issues, business logic concerns and potential improvements. Oshikuru is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler error or critical issues.

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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

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