



Cyberscope

Audit Report

XID Network

April 2022

Type BEP20

Network BSC

Address 0x0eef1c6efc291aaa789eb0e31b3938ade17a0ed3

Audited by © cyberscope

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Contract Review

Contract Name	Xid
Compiler Version	v0.5.16+commit.9c3226ce
Optimization	200 runs
Licence	None
Explorer	https://bscscan.com/token/0x0eef1c6efc291aaa789eb0e31b3938ade17a0ed3
Symbol	XID
Decimals	18
Total Supply	100,000,000
Domain	xidnetwork.xyz

Source Files

Filename	SHA256
contract.sol	7d26364e8f546eea64959a584246ecbb7e8a6e22f5bd710c10a18b318bd40a9b

Audit Updates

Initial Audit	12th April 2022
Corrected	

Contract Analysis

● Critical ● Medium ● Minor ● Pass

Severity	Code	Description
●	ST	Contract Owner is not able to stop or pause transactions
●	OCTD	Contract Owner is not able to transfer tokens from specific address
●	OTUT	Owner Transfer User's Tokens
●	ELFM	Contract Owner is not able to increase fees more than a reasonable percent (25%)
●	ULTW	Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent
●	MT	Contract Owner is not able to mint new tokens
●	BT	Contract Owner is not able to burn tokens from specific wallet
●	BC	Contract Owner is not able to blacklist wallets from selling

Contract Diagnostics

● Critical ● Medium ● Minor

Severity	Code	Description
●	L01	Public Function could be Declared External
●	L04	Conformance to Solidity Naming Conventions

L01 - Public Function could be Declared External

Criticality

minor

Location

contract.sol#L148,161,189

Description

Public functions that are never called by the contract should be declared external to save gas.

```
getPriorVotes  
delegateBySig  
delegate
```

Recommendation

Use the external attribute for functions never called from the contract.

L04 - Conformance to Solidity Naming Conventions

Criticality	minor
Location	contract.sol#L15

Description

Solidity defines a naming convention that should be followed. Rule exceptions:

- Allow constant variable name/symbol/decimals to be lowercase.
- Allow _ at the beginning of the mixed_case match for private variables and unused parameters.

```
totalSupply
```

Recommendation

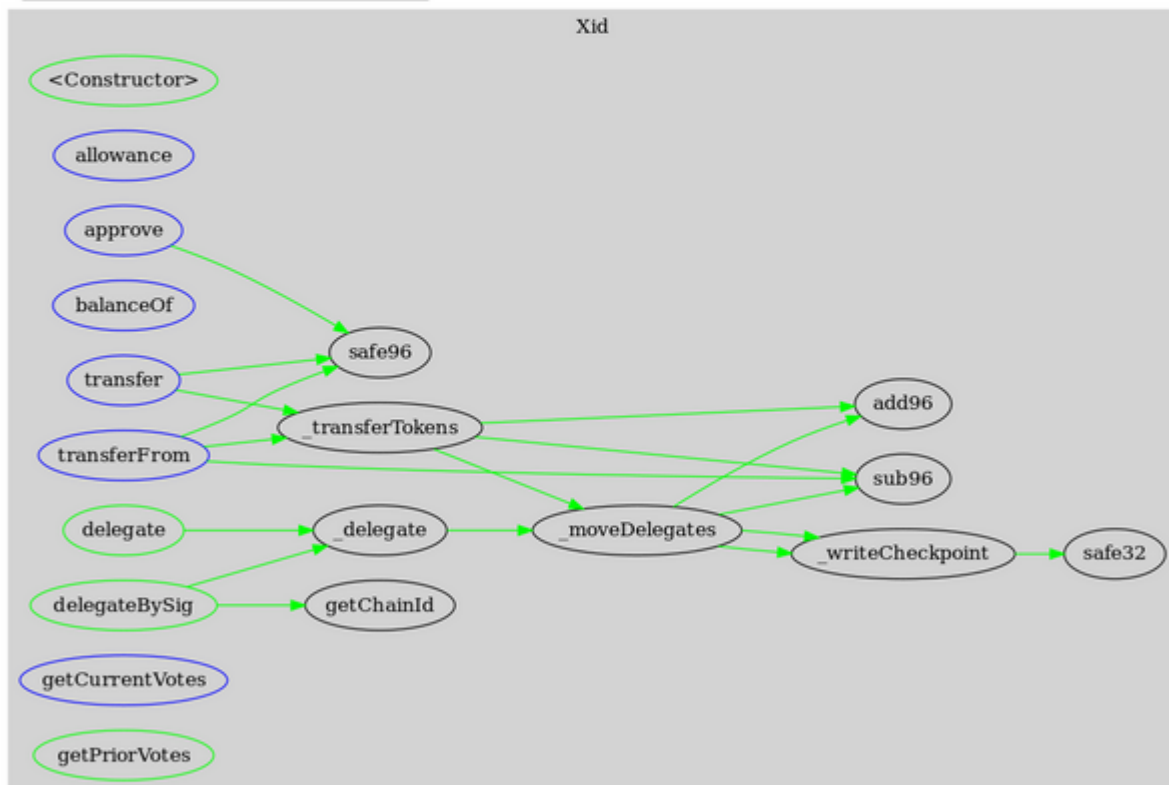
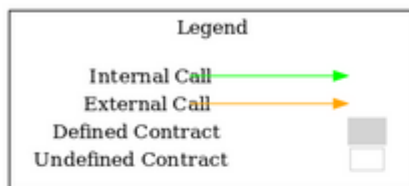
Follow the Solidity naming convention.

<https://docs.soliditylang.org/en/v0.4.25/style-guide.html#naming-conventions>

Contract Functions

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
Xid	Implementation			
	<Constructor>	Public	✓	-
	allowance	External		-
	approve	External	✓	-
	balanceOf	External		-
	transfer	External	✓	-
	transferFrom	External	✓	-
	delegate	Public	✓	-
	delegateBySig	Public	✓	-
	getCurrentVotes	External		-
	getPriorVotes	Public		-
	_delegate	Internal	✓	
	_transferTokens	Internal	✓	
	_moveDelegates	Internal	✓	
	_writeCheckpoint	Internal	✓	
	safe32	Internal		
	safe96	Internal		
	add96	Internal		
	sub96	Internal		
	getChainId	Internal		

Contract Flow



Domain Info

Domain Name	xidnetwork.xyz
Registry Domain ID	D273977667-CNIC
Creation Date	2022-02-07T14:06:35.0Z
Updated Date	2022-03-05T10:43:11.0Z
Registry Expiry Date	2023-02-07T23:59:59.0Z
Registrar WHOIS Server	whois.namecheap.com
Registrar URL	https://namecheap.com
Registrar	Namecheap
Registrar IANA ID	1068

The domain has been created 2 months before the creation of the audit. It will expire in 10 months.

There is no public billing information, the creator is protected by the privacy settings.

Summary

XID Network Token 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.

Disclaimer

All the content provided in this document is for general information only and should not be used as financial advice or a reason to buy any investment.

Cyberscope team provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Always Do your own research and protect yourselves from being scammed.

The Cyberscope team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools. Under no circumstances did Cyberscope receive a payment to manipulate those results or change the awarding badge that we will be adding in our website.

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The Cyberscope team disclaims any liability for the resulting losses.

About Cyberscope

Coinscope audit and K.Y.C. service has been rebranded to Cyberscope.

Coinscope is the leading early coin listing, voting and auditing authority firm. The audit process is analyzing and monitoring many aspects of the project. That way, it gives the community a good sense of security using an informative report and a generic score.

Cyberscope and Coinscope are aiming to make crypto discoverable and efficient globally. They provides all the essential tools to assist users draw their own conclusions.



The Cyberscope team

<https://www.cyberscope.io>