

Smart Contract Vulnerability Audit

KeeDx

September 16, 2022



Smart Contract – Audit Overview

Project Summary

Project Name	KeeDx
Platform	Binance Smart Chain
Language	Solidity
Commits	0x7265d97ea127bbAA12B5A35e2D607c0827c7f5df

Audit Summary

Delivery Date	September 16, 2022
Method of Audit	Human and AI
Consultants Engaged	Two
Timeline	September 16, 2022 - September 16, 2022

Vulnerability Summary

Vulnerability Level	Total	Resolved
Critical	0	✓
Major	0	✓
Medium	0	✓
Minor	0	✓

Smart Contract - Contract Overview

Contract Name	KeeDx
Contract Address	0x7265d97ea127bbAA12B5A35e2D607c0827c7f5df
Contract Creator	0x90dd57da8188bDcf48Be540F08E43C790d806fE0
Decimals	18
Total Supply	7,500,000
Token Holders	9
Token Transfers	10
Token Ticker	KDX
Compiler Version	v0.8.16+commit.07a7930e
Source Code	Solidity
Optimization Enabled	No with 200 runs
Other Settings	default evmVersion, MIT license
Verification	Verified

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
Function Default Visibility				
Integer Overflow and Underflow				
Outdated Compiler Version				
Unchecked Call Return Value				
Unprotected Ether Withdrawal				
Unprotected SELFDESTRUCT Instruction				
Unencrypted Private Data On-Chain				

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
Reentrancy				
Uninitialized Storage Pointer				
Assert Violation				
Use of Deprecated Solidity Functions				
Delegatecall to Untrusted Callee				
DoS with Failed Call				
Code With No Effects				



















Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
Missing Protection against Signature Replay Attacks				
Lack of Proper Signature Verification				
Requirement Violation				
Write to Arbitrary Storage Location				
Incorrect Inheritance Order				
Insufficient Gas Griefing				
Arbitrary Jump with Function Type Variable				

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
DoS With Block Gas Limit				
Typographical Error				
Right-To-Left-Override control character				
Presence of unused variables				
Unexpected Ether balance				
Hash Collisions With Multiple Variable Length Arguments				
Message call with hardcoded gas amount				

Smart Contract - Vulnerabilities

Vulnerability Tested	Human Review	Ai Review	Line(s) Affected	Results
Transaction Order Dependence				
Block values as a proxy for time				
Signature Malleability				
Incorrect Constructor Name				
Shadowing State Variables				
Weak Sources of Randomness from Chain Attributes				

Smart Contract - Code Analysis

We did not identify any minor or significant vulnerabilities within the contract code.



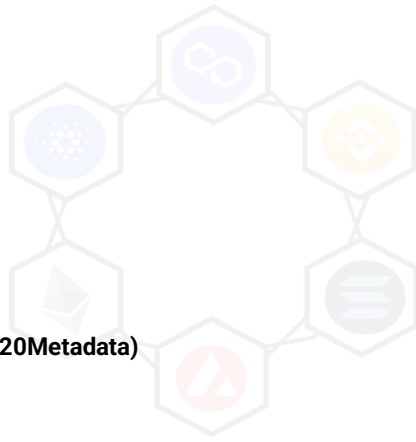
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Smart Contract - Contract Functions

- + Context
 - [Int] _msgSender
 - [Int] _msgData
- + Ownable (Context)
 - [Pub] <Constructor> #
 - [Pub] owner
 - [Pub] transferOwnership #
 - modifiers: onlyOwner
- + [Int] IBEP20
 - [Ext] totalSupply
 - [Ext] balanceOf
 - [Ext] transfer #
 - [Ext] allowance
 - [Ext] approve #
 - [Ext] transferFrom #
- + [Int] IBEP20Metadata (IBEP20)
 - [Ext] name
 - [Ext] symbol
 - [Ext] decimals
- + BEP20 (Context, IBEP20, IBEP20Metadata)
 - [Pub] <Constructor> #
 - [Pub] name
 - [Pub] symbol
 - [Pub] decimals
 - [Pub] totalSupply
 - [Pub] balanceOf
 - [Pub] transfer #
 - [Pub] allowance
 - [Pub] approve #
 - [Pub] transferFrom #
 - [Pub] increaseAllowance #
 - [Pub] decreaseAllowance #
 - [Int] _transfer #
 - [Int] _mint #
 - [Int] _burn #
 - [Int] _approve #
 - [Int] _beforeTokenTransfer #
- + BEP20Burnable (Context, BEP20)
 - [Pub] burn #
 - [Pub] burnFrom #
- + KeeDx (BEP20, Ownable, BEP20Burnable)
 - [Pub] <Constructor> #
 - modifiers: BEP20

(\$) = payable function

= non-constant function



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Smart Contract - Tokenomics

At the time of audit the transaction fees (“tax”) listed below are the fees associated with trading. These fees are taken from every buy and sell transaction unless otherwise stated. Token taxes vary by each project. All tokenomics show below is what is shown on the token website.

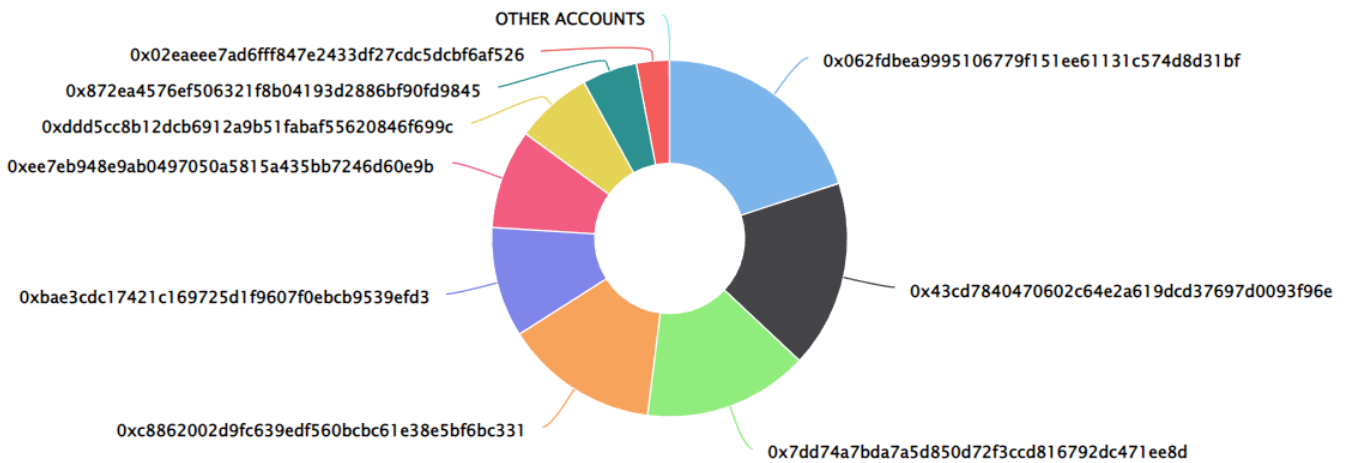
KeeDx(KDX)Tokenomics			
Total Supply	IDO/Public Sale	Development	Marketing
75,00,000 KDX	15%	20%	17%
Liquidity	Team	Staking	Advisers
9%	7%	10%	5%
Ecosystem	Airdrop		
14%	3%		

Token Holders & Contract Analytics

Top 100 Token Holders

KeeDx Top 100 Token Holders

Source: BscScan.com



Token Contract Analytics

No analytics at the time of the audit.

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