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KYC & AUDIT.

Novos is an agency specializing in blockchain technology solutions, Audits, KYC / Doxx.

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CERTIFICATE OF COMPLIANCE

Smart Contract Audit by NOVOS

MiToken

Audit Passed

10/14/2022

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Audit Summary

This report has been prepared for MiToken on the BSC network. Novos provides both client-centered and user-centered examination of the smart contracts and their current status when applicable. This report represents the security assessment made to find issues and vulnerabilities on the source code along with the current liquidity and token holder statistics of the protocol.

A comprehensive examination has been performed, utilizing Cross Referencing, Static Analysis, In-House Security Tools, and line-by-line Manual Review.

The auditing process pays special attention to the following considerations:

- Ensuring contract logic meets the specifications and intentions of the client without exposing the user's funds to risk.
- Testing the smart contracts against both common and uncommon attack vectors.
- Inspecting liquidity and holders statistics to inform the current status to both users and client when applicable.
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Verifying contract functions that allow trusted and/or untrusted actors to mint, lock, pause, and transfer assets.
- Thorough line-by-line manual review of the entire codebase by industry experts.

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Project Overview

Parameter	Result
Address	0x31c700576Da98Cfd3e2BA6e32A32774bC2A8D066
Name	MiToken
Token Tracker	MIT
Decimals	18
Supply	1,000,000,000
Platform	BSC
Compiler	v0.8.9+commit.e5eed63a
Optimization	Yes with 200 runs
Other Settings:	default evmVersion
Language	Solidity
Codebase	https://bscscan.com/address/0x31c700576Da98Cfd3e2BA6e32A32774bC2A8D066#code
Url	https://www.mitoken.tech/

Main Contract Assessed

Name	Contract	Live
MIT	0x31c700576Da98Cfd3e2BA6e32A32774bC2A8D066	Yes

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Smart Contract Vulnerability Checks

Vulnerability	Automatic Scan	Manual Scan	Result
❖ Unencrypted Private Data On-Chain	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Code With No Effects	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Message call with hardcoded gas amount	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Hash Collisions With Multiple Variable Length Arguments	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Unexpected Ether balance	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Presence of unused variables	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Right-To-Left-Override control character (U+202E)	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Typographical Error	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ DoS With Block Gas Limit	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Arbitrary Jump with Function Type Variable	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Insufficient Gas Griefing	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Incorrect Inheritance Order	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Write to Arbitrary Storage Location	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Requirement Violation	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Missing Protection against Signature Replay Attacks	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Weak Sources of Randomness from Chain Attributes	✓ Complete	✓ Complete	✓ **Low / No Risk**



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Smart Contract Vulnerability Checks

Vulnerability	Automatic Scan	Manual Scan	Result
❖ Authorization through tx.origin	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Delegatecall to Untrusted Callee	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Use of Deprecated Solidity Functions	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Assert Violation	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Reentrancy	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Unprotected SELFDESTRUCT Instruction	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Unprotected Ether Withdrawal	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Unchecked Call Return Value	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Outdated Compiler Version	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Integer Overflow and Underflow	✓ Complete	✓ Complete	✓ **Low / No Risk**
❖ Function Default Visibility	✓ Complete	✓ Complete	✓ **Low / No Risk**



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Contract Ownership

The current owner is the address 0xd5cBE8EB5F03C83c39Dceb9aa5B7AE143e5c44aa which can be viewed from: HERE

The contract ownership of MiToken is currently renounced.

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Important Notes To The Users:

01 Hook that is called before any transfer of tokens. This includes minting and burning. Calling conditions: - when `from` and `to` are both non-zero, `amount` of ``from``'s tokens will be to transferred to `to`. - when `from` is zero, `amount` tokens will be minted for `to`. - when `to` is zero, `amount` of ``from``'s tokens will be burned.- `from` and `to` are never both zero. To learn more about hooks, head to xref:ROOT:extending-contracts.adoc#using-hooks[Using Hooks].

02 Extension of {ERC20} that allows token holders to destroy both their own * tokens and those that they have an allowance for, in a way that can be * recognized off-chain (via event analysis).

03 Provides information about the current execution context, including the * sender of the transaction and its data. While these are generally available * via msg.sender and msg.data, they should not be accessed in such a direct * manner, since when dealing with meta-transactions the account sending and * paying for execution may not be the actual sender (as far as an application * is concerned). * * This contract is only required for intermediate, library-like contracts.

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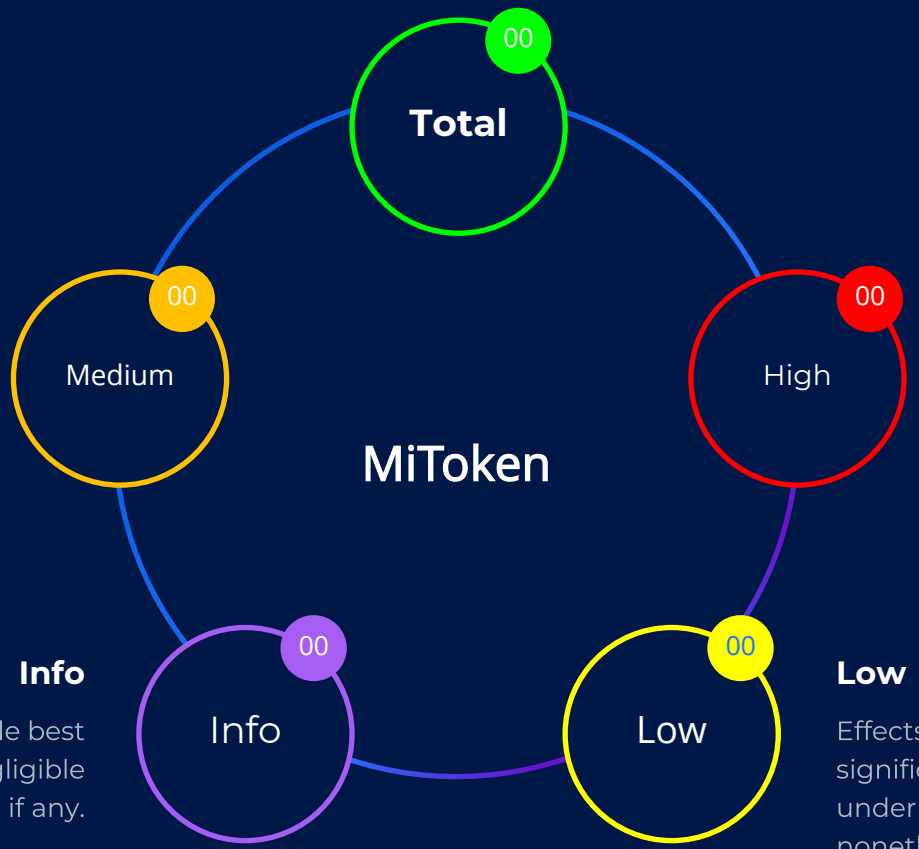
Technical Findings Summary

Classification of Issues

Total

What you should pay attention to



Medium

Bugs or issues with that may be subject to exploit, though their impact is somewhat limited. Issues under this classification are recommended to be fixed as soon as possible.

High

Exploits, vulnerabilities or errors that will certainly or probabilistically lead towards loss of funds, control, or impairment of the contract and its functions. Issues under this classification are recommended to be fixed with utmost urgency

Info

Consistency, syntax or style best practices. Generally pose a negligible level of risk, if any.

Low

Effects are minimal in isolation and do not pose a significant danger to the project or its users. Issues under this classification are recommended to be fixed nonetheless.

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Findings

Public function that could be declared external

ID	Severity	Contract	Function
01	Informational	MIT	Functions: size, getKeyAtIndex, getIndexOfKey

Description

Gas Optimization. Public function that could be declared external

Recommendation

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

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Findings

Missing events arithmetic

ID	Severity	Contract	Function
02	Informational	MIT	Missing events for setWalletBalance, setMaxBuyTransaction, setMaxSellTransaction, setSwapTokensAtAmount, setSellTransactionMultiplier

Description

Functions that change critical arithmetic parameters should emit an event.

Recommendation

Emit corresponding events for critical parameter changes.

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Priviliged Functions (onlyOwner & Others)

Function Name	Parameters	Visibility
✓ renounceOwnership	▪ none	▪ **external**
✓ transferOwnership	▪ address newOwner	▪ **public**
✓ prepareForPartherOrExchang eListing	▪ address_partnerOrExchangeAddress	▪ **external**
✓ setWalletBalance	▪ uint256 _maxWalletBalance	▪ **external**
✓ setMaxBuyTransaction	▪ uint256 _maxTxn	▪ **external**
✓ setMaxSellTransaction	▪ uint256 _maxTxn	▪ **external**
✓ updateBusdDividendToken	▪ address _newContract	▪ **external**
✓ updateMarketingWallet	▪ address _newWallet	▪ **external**
✓ setSwapTokensAtAmount	▪ uint256 _swapAmount	▪ **external**
✓ setSellTransactionMultiplier	▪ uint256 _multiplier	▪ **external**
✓ setTradingIsEnabled	▪ none	▪ **external**
✓ setBusdDividendEnabled	▪ bool _enabled	▪ **external**
✓ setMarketingEnabled	▪ bool _enabled	▪ **external**
✓ setSwapAndLiquifyEnabled	▪ bool _enabled	▪ **external**
✓ updatebusdDividendTracker	▪ address newAddress	▪ **external**
✓ updateUniswapV2Router	▪ address newAddress	▪ **external**

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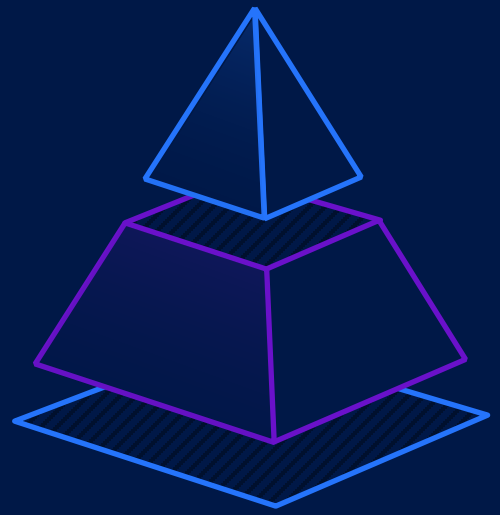
Priviliged Functions (onlyOwner & Others)

Function Name	Parameters	Visibility
✓ excludeFromFees	▪ address account, bool excluded	▪ **public**
✓ excludeFromDividend	▪ address account	▪ **public**
✓ setAutomatedMarketMakerP air	▪ address pair, bool value	▪ **external**
✓ updateGasForProcessing	▪ uint256 newValue	▪ **external**
✓ updateMinimumBalanceForDi vidends	▪ uint256 newMinimumBalance	▪ **external**
✓ updateClaimWait	▪ uint256 claimWait	▪ **external**
✓ processDividendTracker	▪ uint256 gas	▪ **external**



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Statistics

Liquidity Info

Parameter	Result
Pair Address	-
MIT Reserves	0 MIT
Reserves, BSC	0 -
Liquidity Value	$ 0

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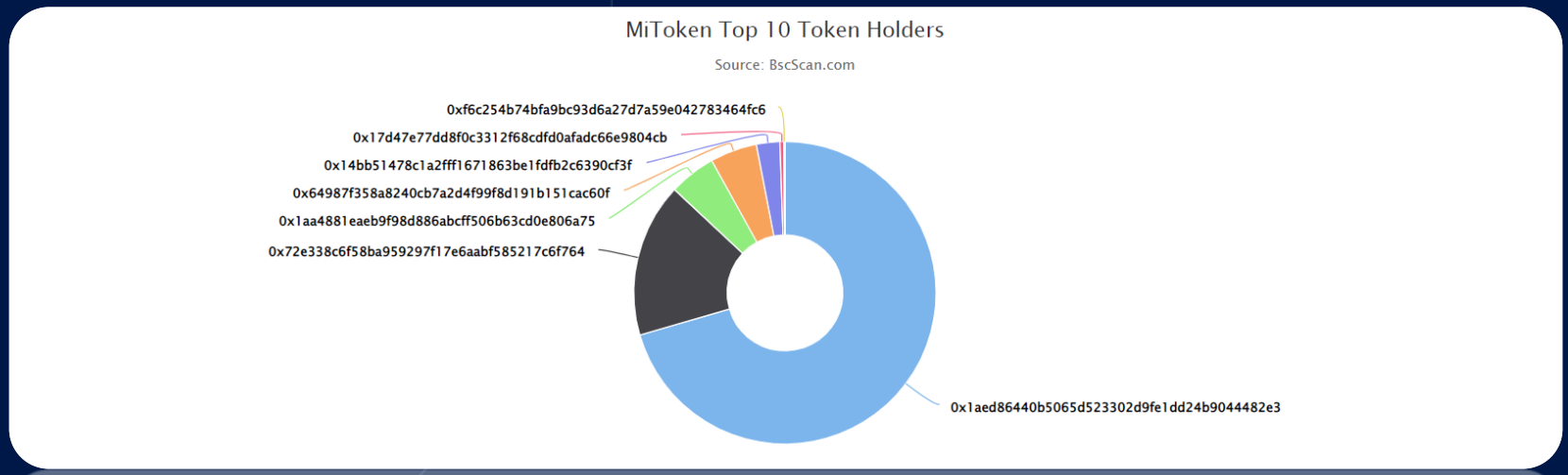
Statistics

Token (MIT) Holders Info

Parameter	Result
MIT Percentage Burnt	0 %
MIT Amount Burnt	0 MIT
Top 10 Percentage Own	100 %
Top 10 Amount Owned	999,999,833 MIT



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Disclaimer

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