MOONAUDIT

Security Audit Report

Mancium (MANC)

ERC20 on Ethereum

The 13th of August, 2022

https://MoonAudit.org

Table of Contents

Overview

Project Summary	
Project Name	Mancium (MANC)
Platform	Ethereum
Language	Solidity
Contract Type	ERC20
Contract Address	0xE0c05ec44775e4AD62CDC2eEcdF337aA7A143363
Contract Owner	0x4c7c7358e3dc071A7fc9A50424425068743db834
Block Explorer	https://etherscan.com/

Audit Summary	
Delivery Date	August 13th, 2022 GMT+0
Block Number	14958019
Static Analysis	Yes
Graphic Analysis	Yes
Logic Disassemble	Yes
Mannual Review	Yes

Vulnerability Summary

Severity Level	Total	Acknowledged	Alleviated	Resolved
Critical	0	0	0	0
Major	0	0	0	0
Medium	0	0	0	0
Minor	0	0	0	0
Informational	0	0	0	0
Discussion	1	1	0	0

Fully Sanity Checks

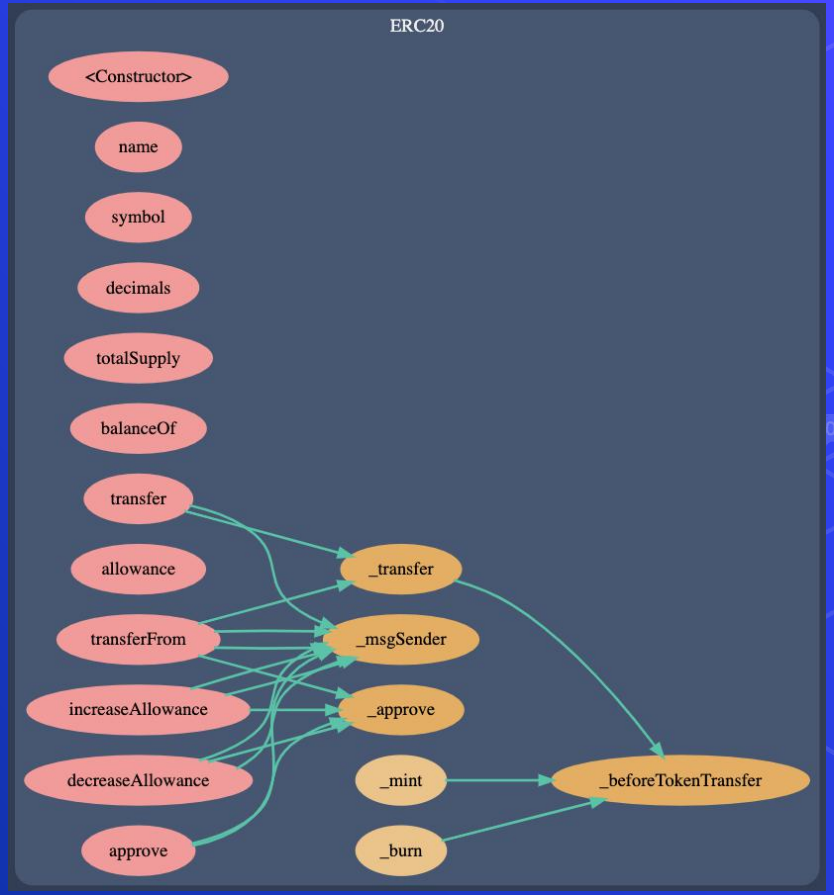
	Read	Write	AI Scanned	Human Reviewed	Result	Suggested	Resolved
name()	Yes		Completed	Completed	No Risk		
symbol()	Yes		Completed	Completed	No Risk		
balanceOf()	Yes		Completed	Completed	No Risk		
decimals()	Yes		Completed	Completed	No Risk		
totalSupply()	Yes		Completed	Completed	No Risk		
getBlacklist()	Yes		Completed	Completed	No Risk		
blacklistAddresses()	Yes		Completed	Completed	No Risk		
allowance()	Yes		Completed	Completed	No Risk		
pause()	Yes		Completed	Completed	No Risk		
approve()		Yes	Completed	Completed	No Risk		
decreaseAllowance()		Yes	Completed	Completed	✓ Low/No Risk		
increaseAllowance()		Yes	Completed	Completed	✓ Low/No Risk		
transfer()		Yes	Completed	Completed	✓ Low/No Risk		
transferFrom()		Yes	Completed	Completed	✓ Low/No Risk		
addAddressToBlacklist()		Yes	Completed	Completed	✓ Low/No Risk		
removeAddressFromBlacklist()		Yes	Completed	Completed	✓ Low/No Risk		

Source Code Analysis

We've found 8 contracts in Mancium project source code and the partial screenshot of the contract code as left side shown.

- Mancium
- ERC20
- Context
- IERC20
- IERC20Metadata
- Ownable
- Blacklist
- Pausable

respectively.



ERC20 Contract

- name()
- symbol()
- decimals()
- totalSupply()
- balanceOf()
- allowance()

Read functions are running as expected while analyzing at the time of this writing.

- transferFrom()
- transfer()
- increaseAllowance()
- decreaseAllowance()
- approve()

Write functions are in no risk at the time of this writing

Contract Ownership

Contract Ownership Has Not Been Renounced at the Time of Audit.

The contract ownership is not currently renounced.

We just placed the contract of the owner address below for you to look up:

0x4c7c7358e3dc071A7fc9A50424425068743db834

Some feasible suggestions that would also mitigate the potential risk at a different level for priviledged ownership.

- Time-lock with reasonable latency, e.g., 48 hours for awareness on priviledged operations
- Assignment of priviledged roles to multi-signature wallets to prevent a single point of failure, for example, due to the private key compromised

Liquidity Ownership

No Lock/Unlock Liquidity Logic for Owner Has Been Found.

This page will contain links to locked liquidity for the project if we are able to locate that information.

Locked liquidity information was neither found on the project's website nor inside the contracts.

Mint Function

The Contract Cannot Mint New $MANC Tokens.

We do understand that Mint functions are crucial to the functionality of the project, it's core related to its investors.

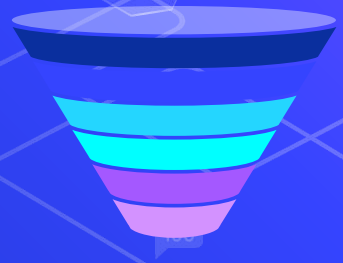
But a mint function was not found in the contract code.

Burn Function

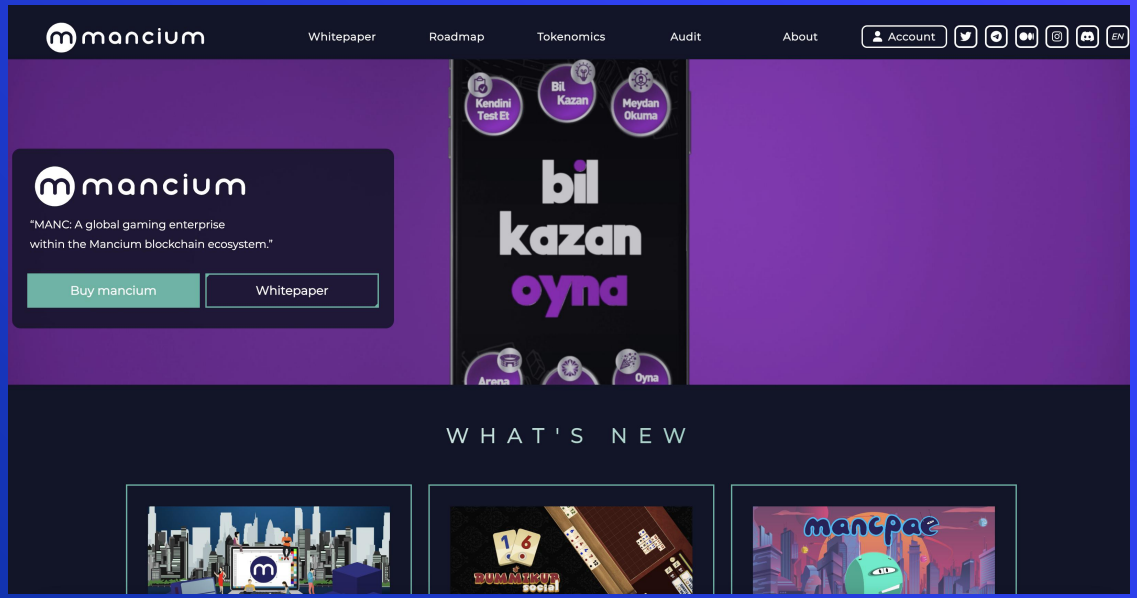
The Contract Cannot Burn Tokens at any cases.

No burn function has been found in the contract.

A burn function was inside the contract, but it's modified within internal which means no one is able to call to that.



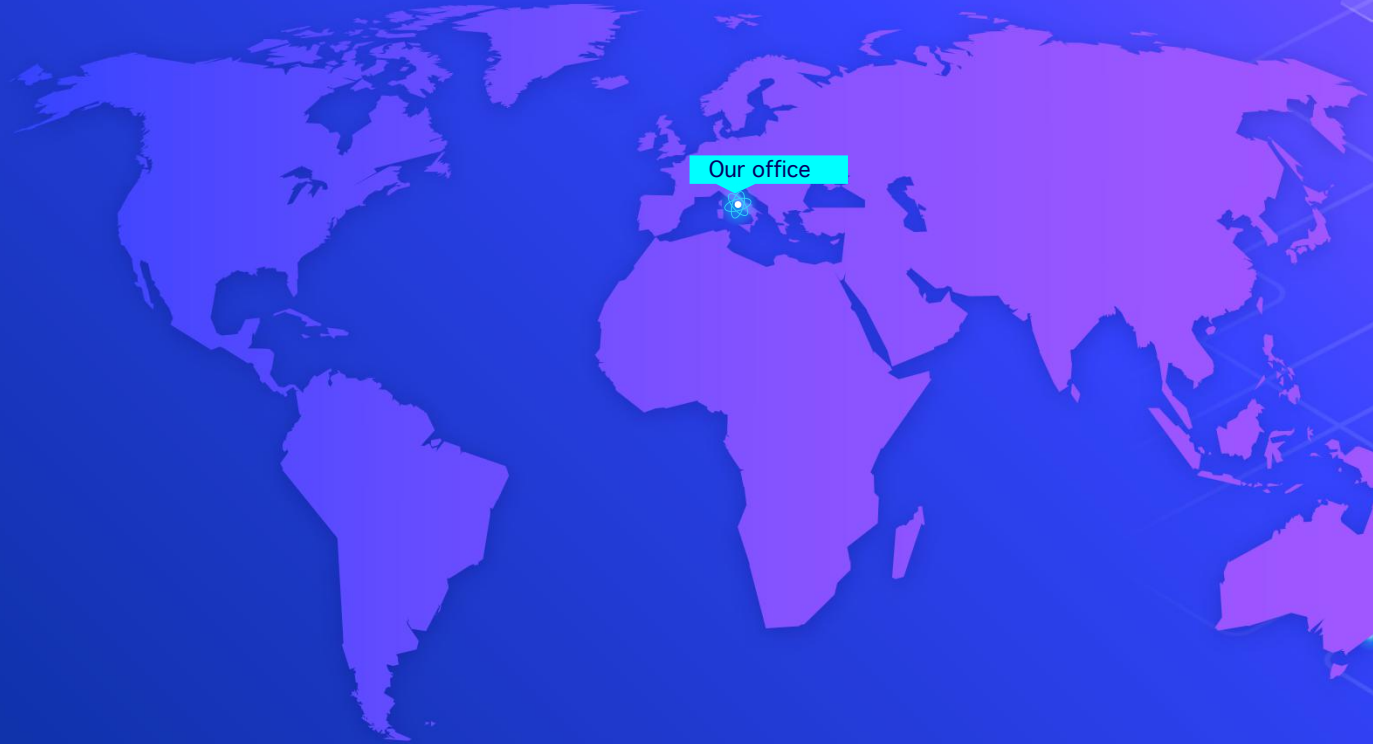
Present Mode



The left image is an actual snapshot of the current live website.

The website was registered at the 18th of November 2021.

Team Location



Official Website: https://www.mancium.io/

General Web Security

DOMAIN

A valid domain hosted by GoDaddy.com

Registered on 18-Nov-2021

mancium.io

Social Media Accounts

A bundle of social media accounts was found.

Twitter: twitter.com/manciumtoken

Discord: discord.gg/RkggcR6GYq

A legal SSL certificate was found.
Issued at 18-Nov-2021

Signature Algorithm is sha256WithRSAEncryption

SSL CERTIFICATE

No malware found.
No injected spam found.
No internal server errors.

Domain is marked clean by Google and McAfee.

SPAM/MALWARE

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MoonAudit highly advises against using cryptocurrencies as speculative investments and they should be used solely for the utility they aim to provide.

About

MoonAudit has founded in 2021 by a squad of elite geeks on blockchain research and we analyze the loopholes in most smart contracts in ethereum-based chains. We, of course, offer the best-in-class report for your smart contracts auditing in non-evm public blockchains. Customer trusts smart contract, more trust security assessment report.

Thank You

MOONAUDIT ORG. HAS BEEN COMPLETED FOR MANCIUM($MANC) AT BLOCK NUMBER: 14958019

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https://MoonAudit.org

https://t.me/MoonAudit