

# Smart Contract Vulnerability Audit

## MetaXgaming

Apr 1, 2022



# Smart Contract – Audit Overview

## Project Summary

Project Name	MetaXgaming
Platform	Binance Smart Chain
Language	Solidity
Commits	0x9F90BA2EE8724512eF7d0b01B896484b066804d4

## Audit Summary

Delivery Date	April 01, 2022
Method of Audit	Human and AI
Consultants Engaged	Two
Timeline	March 30, 2022 – April 02, 2022

## Vulnerability Summary

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

# Smart Contract - Contract Overview

All information is recorded as of 04/01/2022.

Contract Name	MetaXgaming
Contract Ticker	MXG
Contract Address	0x9F90BA2EE8724512eF7d0b01B896484b066804d4
Contract Creator	0x7524C1aEEbF1F78f2F11C87A38e35CC30a4e9597
Decimals	18
Total Supply	2,000,000,000,000
Token Holders	27
Token Transfers	64
Complier Version	v0.5.16+commit.9c3226ce
Source Code	Solidity
Optimization Enabled	Yes 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Outdated Compiler Version				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

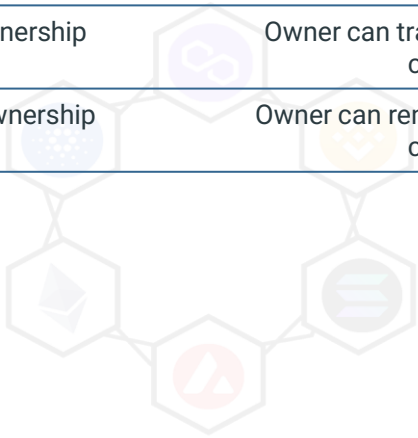
**We did not identify any minor or significant vulnerabilities within the contract code.**



audits.finance

# Smart Contract - Owner Functions

Function	Description
burn	Owner can burn wallet amount
mint	Owner can call mint function
init	Owner can call init function to send token amount to wallets
transferOwnership	Owner can transfer ownership of contract
renounceOwnership	Owner can renounce ownership of contract



audits.finance

# Smart Contract - Contract Functions

- + [Int] IBEP20
  - [Ext] totalSupply
  - [Ext] decimals
  - [Ext] symbol
  - [Ext] name
  - [Ext] getOwner
  - [Ext] balanceOf
  - [Ext] transfer #
  - [Ext] allowance
  - [Ext] approve #
  - [Ext] transferFrom #
- + Context
  - [Int] <Constructor> #
  - [Int] \_msgSender
  - [Int] \_msgData
- + [Lib] SafeMath
  - [Int] add
  - [Int] sub
  - [Int] sub
  - [Int] mul
  - [Int] div
  - [Int] div
  - [Int] mod
  - [Int] mod
- + Ownable (Context)
  - [Int] <Constructor> #
  - [Pub] owner
  - [Pub] renounceOwnership #
    - modifiers: onlyOwner
  - [Pub] transferOwnership #
    - modifiers: onlyOwner
  - [Int] \_transferOwnership #



audits.finance

# Smart Contract - Contract Functions

+ MetaXgaming (Context, IBEP20, Ownable)

- [Pub] <Constructor> #
- [Ext] getOwner
- [Ext] decimals
- [Ext] symbol
- [Ext] name
- [Ext] totalSupply
- [Ext] balanceOf
- [Pub] init #
  - modifiers: onlyOwner
- [Ext] transfer #
- [Pub] \_bnbToTokens
- [Pub] setBuyPrice #
- [Pub] buyToken (\$)
- [Pub] withdraw #
- [Ext] allowance
- [Ext] approve #
- [Ext] transferFrom #
- [Pub] increaseAllowance #
- [Pub] decreaseAllowance #
- [Pub] mint #
  - modifiers: onlyOwner
- [Pub] burn #
  - modifiers: onlyOwner
- [Int] \_transfer #
- [Int] \_mint #
- [Int] \_burn #
- [Int] \_approve #
- [Int] \_burnFrom #



(\$ ) = payable function

# = non-constant function

# Smart Contract –

## Mint function

This contract does contain a mint function.  
We were able to locate a mint function within the code.

### Smart Contract – Contract Ownership

Contract ownership has been  
renounced at the time of the audit.  
The owner's address is shown as:

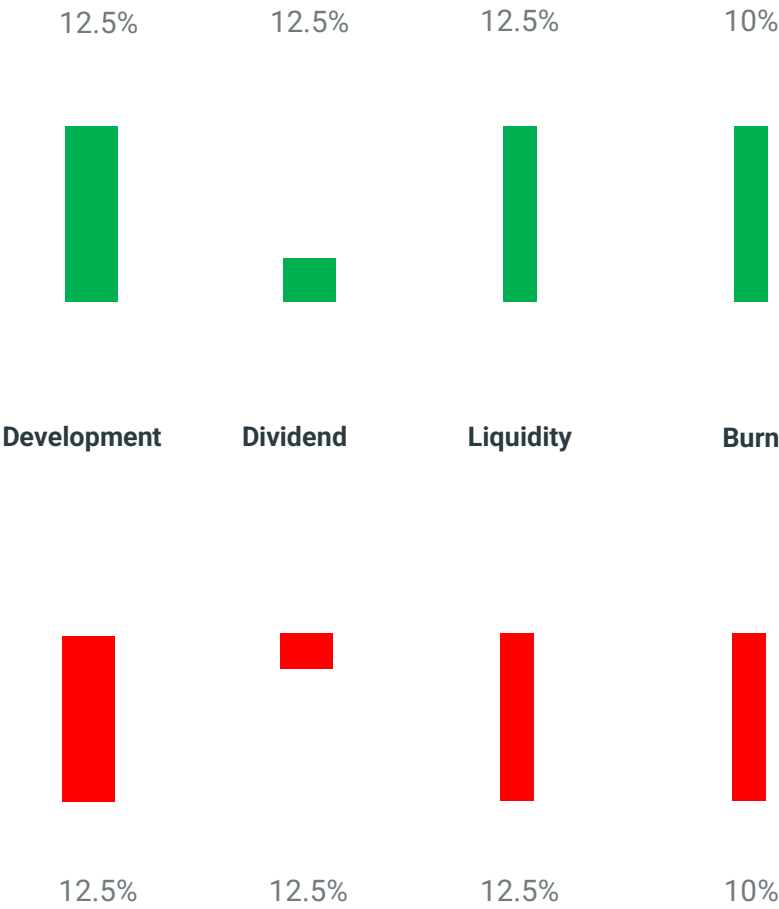
[0x7524c1aeebf1f78f2f11c87a38e35cc30a4e9597](#)

### Smart Contract – Locked Liquidity

Locked liquidity information was not identified on  
the website at the time of the audit completion.  
Locked liquidity is always be subjected to change.

# 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.

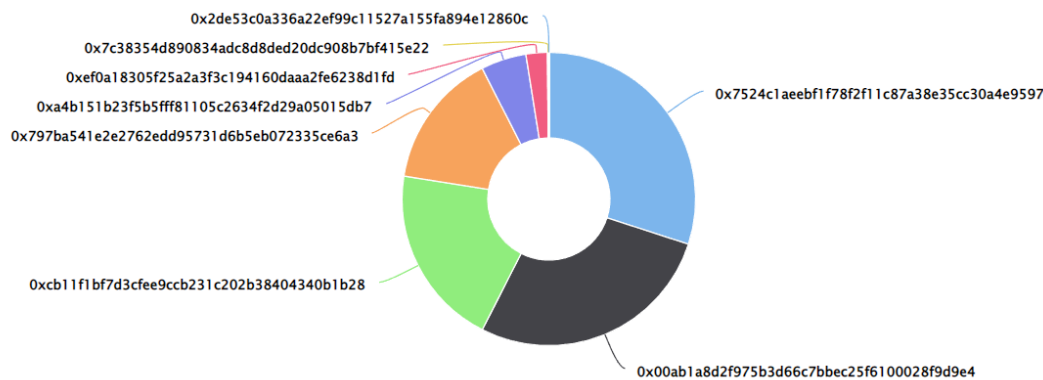


# Token Holders & Contract Analytics

## Top 100 Token Holders

MetaXgaming Top 100 Token Holders

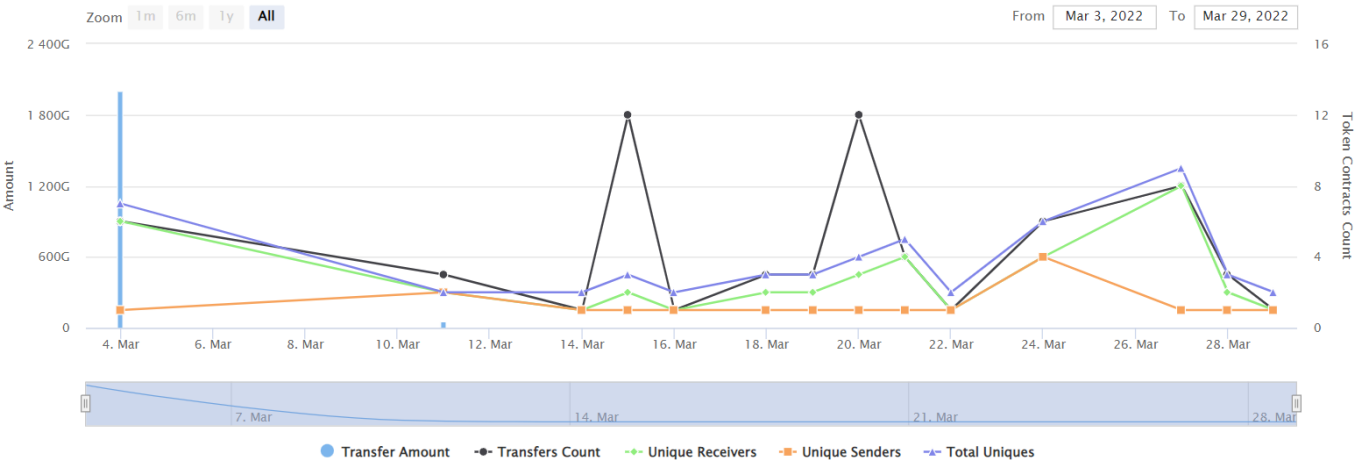
Source: BscScan.com



## Token Contract Analytics

Token Contract 0x9F90BA2EE8724512eF7d0b01B896484b066804d4 (MetaXgaming)

Source: BscScan.com



# Team Overview



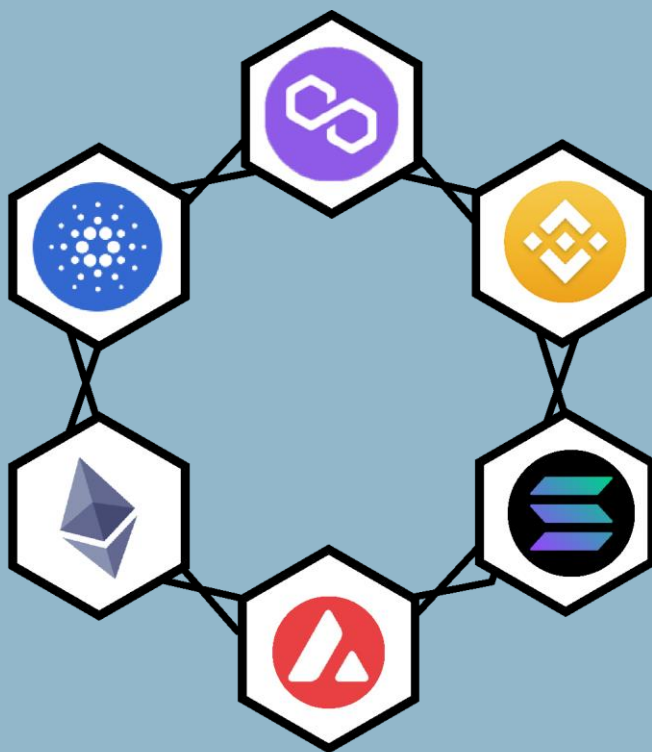
## KYC Certified

KYC verification process as been completed with [bitdox.finance](https://bitdox.finance)



# DISCLAIMER

Audits.finance Inc. is in no way responsible or liable for any legal actions resulting from the use of this presentation. By reading this audit or any part of it, you agree to the terms of this disclaimer. If you do not agree to these terms, please stop reading now, and delete any duplicates of this report. Audits.finance Inc. is an official auditor utilizing the Solidity auditing industry standard. Audits.finance hereby excludes any liability and responsibility. Neither you nor any other person shall have any claim against Audits.finance for any economic loss or damages. Audits.finance Inc. does not guarantee the authenticity of a project, nor does it guarantee the project will not participate in one or any scamming including but not limited to, removing liquidity, selling off team supply, or exit scams. Audits.finance Inc. does not give investment advice in any way. Audits.finance Inc. supplies this presentation for information purposes only, and strongly suggests that none of this information be used as investment advice. Audits.finance in no way endorses or recommends any projects that it audits. Audits.finance is solely responsible for smart contract and project analysis of the projects that it is contracted to audit. Audits.finance may be contracted by teams, investors, or any other 3rd party in regard to a contract address or project. Audits.finance provides a full report for informational purposes only.



# audits.finance

**Contact information:**

Website: [audits.finance](https://audits.finance)

Telegram: [auditsfinancegroup](https://t.me/auditsfinancegroup)

Twitter: [auditsfinance](https://twitter.com/auditsfinance)

Email: [hello@audits.finance](mailto:hello@audits.finance)

