



Audit Report

Battle of MultiWorld

December 2021

Type BEP20
Address 0x3b8ff33762540579e24bde1b62fe3d90f4d166f4
Audited by © coinscope



Contract Contains unverified Interface
that cannot be audited

Table of Contents

Table of Contents	1
Contract Review	2
Audit Updates	2
Contract Diagnostics	3
Contract Functions	5
Contract Flow	9
Domain Info	10
Summary	11
Disclaimer	12
About Coinscope	13

Contract Review

Contract Name	BMW
Compiler Version	v0.8.0+commit.c7dfd78e
Optimization	No with 200 runs
Licence	NONE
Explorer	https://bscscan.com/token/0x3b8ff33762540579e24bde1b62fe3d90f4d166f4
Symbol	BMW
Decimals	18
Total Supply	1,000,000,000
Website	https://bmwar.io/

Audit Updates

Initial Audit	18th of December 2021
Corrected	

Contract Analysis



Contract Contains unverified Interface that cannot be audited.

```
interface AntiBot {  
    function protect( address sender, address receiver, uint256 amount ) external;  
}
```

● Critical
 ● Medium
 ● Pass

Severity	Code	Description
●	MT	Contract Owner is not able to mint new tokens
●	BT	Contract Owner is not able to burn tokens from specific wallet
●	ELFM	Contract Owner is not able to increase fees more than a reasonable percent (10%)
●	ST	Contract Owner is not able to stop or pause transactions
●	OCTD	Contract Owner is not able to transfer tokens from specific address
●	ULTW	Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent
●	BC	Contract Owner is not able to blacklist wallets from selling

Contract Diagnostics

Pass	Name
✓	Integer Underflow
✓	Parity Multisig Bug
✓	Callstack Depth Attack
✓	Transaction-Ordering Dependency
✓	Timestamp Dependency
✓	Re-Entrancy

Contract Functions

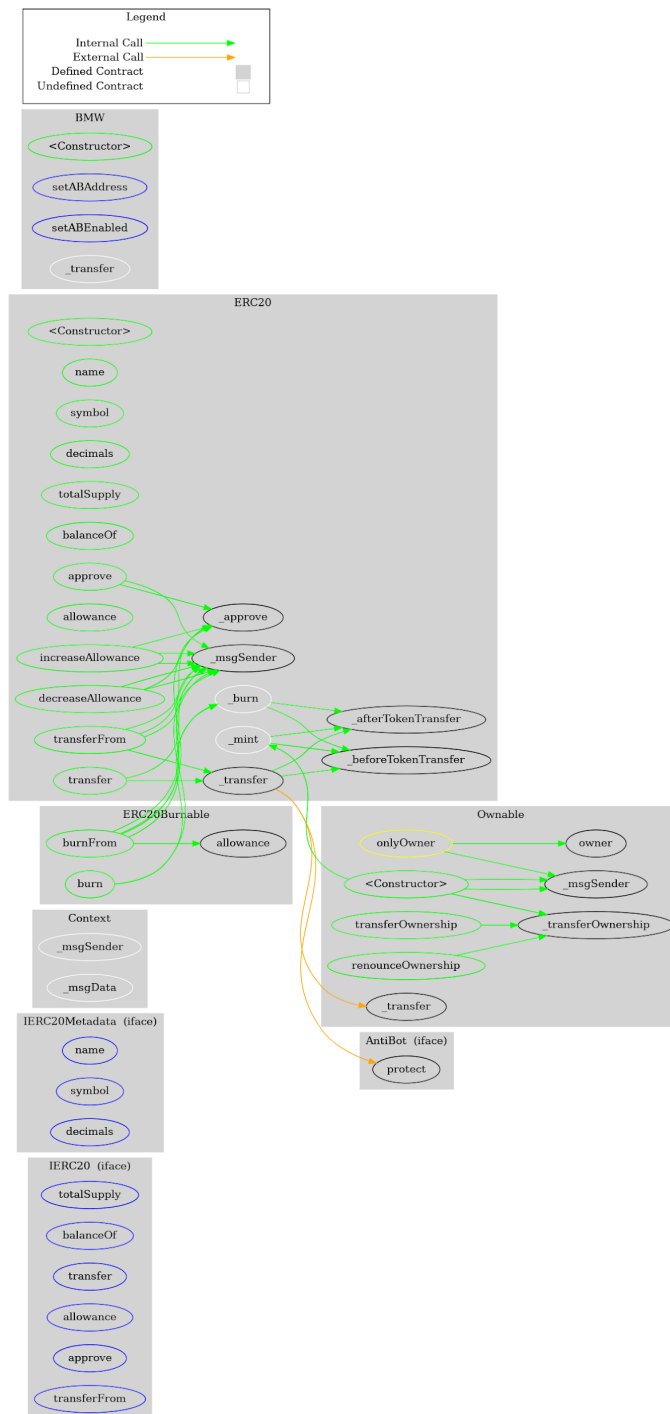
Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
IERC20Metadata	Interface	IERC20		
	name	External		-
	symbol	External		-
	decimals	External		-
Context	Implementation			

	_msgSender	Internal		
	_msgData	Internal		
ERC20	Implementation	Context, IERC20, IERC20M etadata		
		Public	✓	-
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	increaseAllowance	Public	✓	-
	decreaseAllowance	Public	✓	-
	_transfer	Internal	✓	
	_mint	Internal	✓	

	_burn	Internal	✓	
	_approve	Internal	✓	
	_beforeTokenTransfer	Internal	✓	
	_afterTokenTransfer	Internal	✓	
ERC20Burnable	Implementation	Context, ERC20		
	burn	Public	✓	-
	burnFrom	Public	✓	-
Ownable	Implementation	Context		
		Public	✓	-
	owner	Public		-
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
	_transferOwnership	Internal	✓	
AntiBot	Interface			
	protect	External	✓	-

BMW	Implementation	ERC20, ERC20Bu rnable, Ownable		
		Public	✓	ERC20
	setABAddress	External	✓	onlyOwn er
	setABEnabled	External	✓	onlyOwn er
	_transfer	Internal	✓	

Contract Flow



Domain Info

Domain Name	bmwar.io
Registry Domain ID	3fa7dd5572104a7696688b837b8af379-DONUTS
Registrar WHOIS Server	whois.namecheap.com
Registrar URL	http://www.namecheap.com
Updated Date	2021-11-13T08:40:42Z
Creation Date	2021-10-19T15:50:11Z
Registry Expiry Date	2022-10-19T15:50:11Z
Registrar	NameCheap, Inc.
Registrar IANA ID	1068

The domain has been created 2 months before the analysis of the audit. It is set for expiration in one year.

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

Summary

Battle of MultiWorld - \$BMW is an NFT game which is built on Binance Smart Chain platform in which it supports players in controlling their digital property to join the game. The token has a friendly and growing community. The smart contract analysis showed no compiler errors or critical issues. There is however an interface called AntiBot that can not be audited as the contract is unverified. Also the Owner can change the implementation of the AntiBot interface if he wants to. Renouncing the contract ownership will resolve any potential contract-related concerns.

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.

CoinScope 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 CoinScope 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 CoinScope receive a payment to manipulate those results or change the awarding badge that we will be adding in our website.

Always Do your own research and protect yourselves from scams. This document should not be presented as a reason to buy or not buy any particular token.

The CoinScope team disclaims any liability for the resulting losses.

About Coinscope

CoinScope is the leading early coin listing, voting and auditing authority firm. The audit process is analysing 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.

CoinScope is aiming to make crypto discoverable and efficient globally. It provides all the essential tools to assist users draw their own conclusions.



The Coinscope.co team

<https://www.coinscope.co>