



Trading Card Games Coin

\$TCG

BSC

game

**Contract:**

0x9c31.....85c41F

Issues

Found

Fixed

- Critical
- Medium
- Minor
- Informational

0
0
0
1

0
0
0
0

9.9/10

AUDIT PASSED 

Audit Certificate



This certifies that **Trading Card Games Coin** project,
VERIFIED 0x9c31681D7dDA1115cb15b0383e7AA10eC785c41F
on Binance Smart Chain,
has been audited by **GuardGate**.



Completion date: 07/29/2023

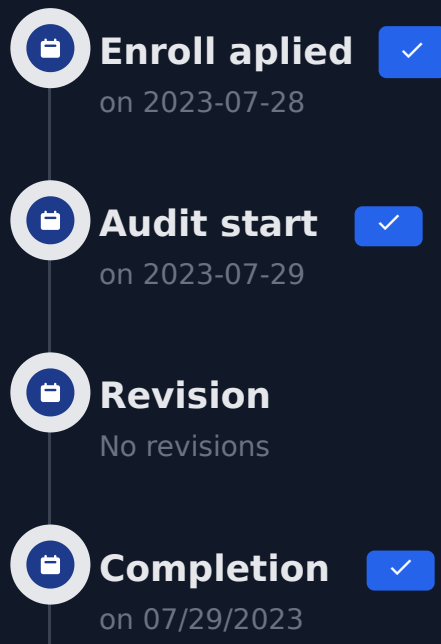
GuardGate.cc, Auditor

Project Description

\$TCG coin. All TCG games into blockchain in a single App!

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Project details



Language: **Solidity**

Contract address: **0x9c...c41F** [↗](#)

Owner: **0xd7...5e2e** [↗](#)

SHA-256:
8dc...1b1

Supply: **999,999,999,999,999**

Decimals: **18**

Deployer: **0xd7...5e2e** [↗](#)

Chain: **Binance Smart Chain**

Compiler: **v0.8.3+commit.8d00100c**

Optimization: **Yes with 200 runs**

License: **SPDX-License-Identifier: MIT**

Verified: **Yes** [✓](#)

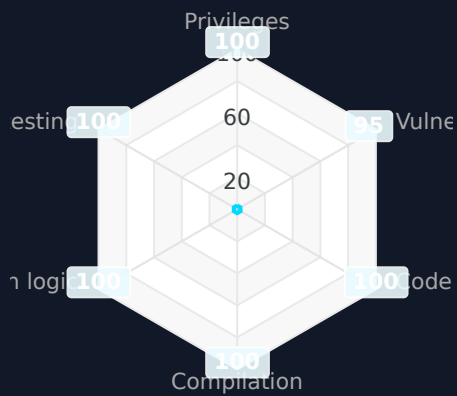
Contract type: **Bep20**

Contract Name: **BurnableBEP20**

Deploy date: **Jun-23-2023**

Overview

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Minting[?]

Can't mint new tokens

Blacklist[?]

Can't blacklist addresses

Ownership

Owner has no special capabilities

Honeypot

No

Buy fees[?]

There are no fees

Sell fees[?]

There are no fees

Proxy[?]

There is no proxy contract

Max tx amount[?]

Can't set maxTX

Trading Cooldown

Can't set cooldown period

Anti Bot

No

Pause[?]

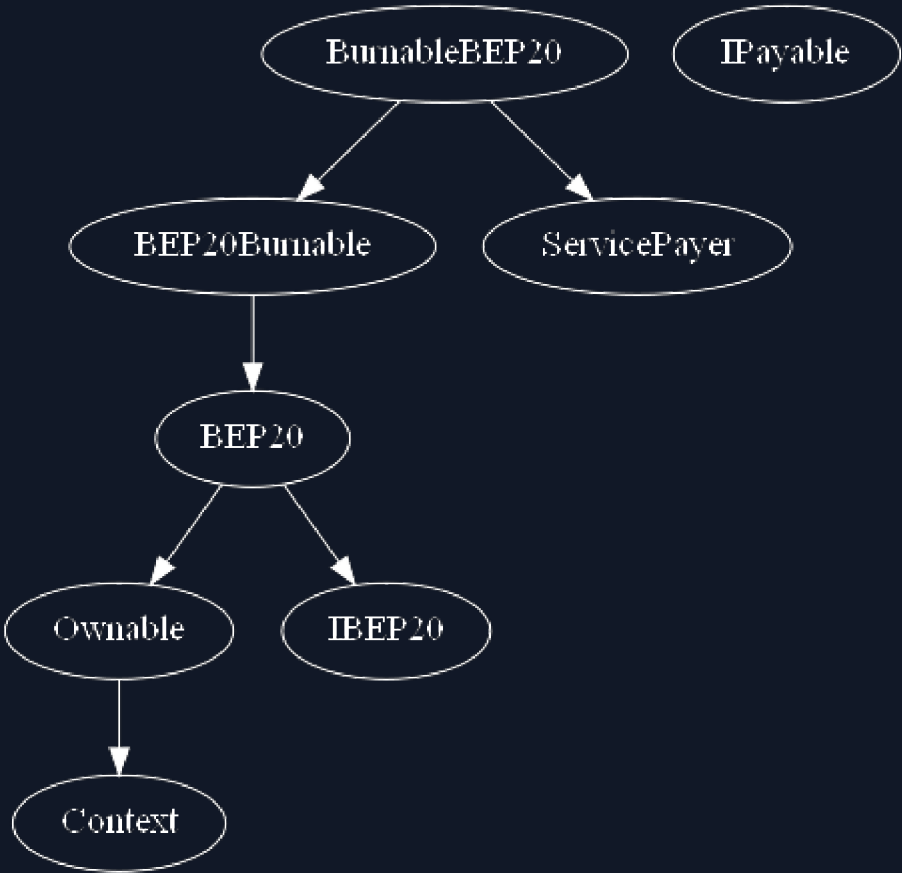
Can't pause contract

Hidden Owner

No

- Safe
- Caution advised
- Be careful
- Extreme caution

Inheritance



Contract details 0x9c...c41F

Contracts and libraries collapse				
Contract	Type	Bases		
L	**Function Name**	**Visibility**	**Mutability**	*
Context	Implementation			
Ownable	Implementation	Context		

```

| **IBEP20** | Interface |   |
| **BEP20** | Implementation | Ownable, IBEP20 |
| **BEP20Burnable** | Implementation | BEP20 |
| **IPayable** | Interface |   |
| **ServicePayer** | Implementation |   |
| **BurnableBEP20** | Implementation | BEP20Burnable, ServicePayer |

```

▼ Modifiers collapse

Contract IPayable

Function	Modifiers
pay	[]

INFO:Printers:

Contract BurnableBEP20

Function	Modifiers
constructor	[]
burn	[]
burnFrom	[]
constructor	[]

▼ Constructor calls collapse

```

#####
##### BurnableBEP20 #####
#####

```

Constructor Call Sequence

- Ownable
- BEP20
- ServicePayer
- BurnableBEP20

Constructor Definitions

Ownable

```

constructor () {

```

▼ Requires collapse

Contract IPayable

Function	require or assert
pay	

Contract BurnableBEP20

Function	require or assert
constructor	
burn	require(bool,string)(account != address(0),
	require(bool,string)(accountBalance >= amount
burnFrom	require(bool,string)(account != address(0),

Findings

High Severity

No high severity issues found

Medium Severity

No medium severity issues found

Low Severity

Informational

Unknown Third Party Source

Lines: 572-580

Description: At deployment, contract interacted with a thrid party ServicePayer contract along with IPayable interface contract. In the scope of this audit, it was assumed the contracts work correctly. interface IPayable { function pay(string memory serviceName) external payable; } abstract contract ServicePayer { constructor (address payable receiver, string memory serviceName) payable { IPayable(receiver).pay{value: msg.value}(serviceName); } }

Possible remediation: We encourage the team to constantly monitor the statuses of 3rd parties to mitigate the side effects when/if unexpected activities are observed.

SWC Vulnerabilities

▼ 36/37 tests passedcollapse

Code #	Name	Result	Severity
SWC-100	Function Default Visibility	Passed	n/a
SWC-101	Integer Overflow and Underflow	Passed	n/a
SWC-102	Outdated Compiler Version	Passed	n/a
SWC-103	Floating Pragma	Failed	Informational
SWC-104	Unchecked Call Return Value	Passed	n/a
SWC-105	Unprotected Ether Withdrawal	Passed	n/a
SWC-106	Unprotected SELF-DESTRUCT Instruction	Passed	n/a
SWC-107	Reentrancy	Passed	n/a
SWC-108	State Variable Default Visibility	Passed	n/a
SWC-109	Uninitialized Storage Pointer	Passed	n/a
SWC-110	Assert Violation	Passed	n/a
SWC-111	Use of Deprecated Solidity Functions	Passed	n/a
SWC-112	Delegatecall to Untrusted Callee	Passed	n/a
SWC-113	DoS with Failed Call	Passed	n/a
SWC-114	Transaction Order Dependence	Passed	n/a
SWC-115	Authorization through tx.origin	Passed	n/a
SWC-116	Block values as a proxy for time	Passed	n/a
SWC-117	Signature Malleability	Passed	n/a
SWC-118	Incorrect Constructor Name		Passedn/a
SWC-119	Shadowing State Variables		Passedn/a
SWC-120	Weak Sources of Randomness from Chain Attributes		Passedn/a
SWC-121	Missing Protection against Signature Replay Attacks		Passedn/a
SWC-122	Lack of Proper Signature Verification		Passedn/a
SWC-123	Requirement Violation		Passedn/a
SWC-124	Write to Arbitrary Storage Location		Passedn/a
SWC-125	Incorrect Inheritance Order		Passedn/a
SWC-126	Insufficient Gas Griefing		Passedn/a
SWC-127	Arbitrary Jump with Function Type Variable		Passedn/a
SWC-128	DoS With Block Gas Limit		Passedn/a
SWC-129	Typographical Error		Passedn/a
SWC-130	Right-To-Left-Override control character (U+202E)		Passedn/a
SWC-131	Presence of unused variables		Passedn/a
SWC-132	Unexpected Ether balance		Passedn/a
SWC-133	Hash Collisions With Multiple Variable Length Arguments		Passedn/a
SWC-134	Message call with the hardcoded gas amount		Passedn/a
SWC-135	Code With No Effects		Passedn/a
SWC-136	Unencrypted Private Data On-Chain		Passedn/a

Other findings

✓ Context._msgData() (#28-31) is never used and should be removed

```
function _msgData() internal view virtual returns (bytes calldata) { this; // silence state mutability warning without generating bytecode - see https://github.com/ethereum/solidity/issues/2691 return msg.data; }
```

- Remove unused code

Additional information: [↗link](#)

Holders stats (top 10)

0xd7...5e2e	99.47%
0x5f...2768	0.37%
0x2b...5854	0.10%
0x4e...a807	0.04%
0x6d...cc3c	0.02%
0x5b...3bbf	0.01%
0xe4...c0b7	0.00%
0x64...a54a	0.00%
0x96...65ec	0.00%
0xa1...770f	0.00%

KYC & DOXX

● KYC

✕ No information

● DOXX

✕ No information

- **Domain Registry**

<https://www.godaddy.com/>

- **Domain Expiry Date**

2024-06-23

- **Response Code**

200

- **SSL Check and HTTPS test**

Go Daddy Secure Certificate

- **HTTP2**

Yes, passed

- **Safe Browsing Test**

Yes, passed

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