Audit Report

CryptoSlash

January 2022

Type   BEP20

Network   BSC

Address   0x391479B71e065fc5a490674894E1c43710cd7dD7

Audited by   © coinscope

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Contract Review

Contract Name	CryptoSlash
Compiler Version	v0.8.7+commit.e28d00a7
Optimization	200 runs
Licence	MIT
Explorer	https://bscscan.com/token/0x391479B71e065fc5a490674894E1c43710cd7dD7
Symbol	SLASH
Decimals	18
Total Supply	50,000,000
Source	contract.sol
Domain	cryptoslash.io

Audit Updates

Initial Audit	25th January 2022
Corrected	

Contract Analysis

● Critical   ● Medium   ● Minor   ● Pass

Severity	Code	Description
●	ST	Contract Owner is not able to stop or pause transactions
●	OCTD	Contract Owner is not able to transfer tokens from specific address
●	OTUT	Owner Transfer User's Tokens
●	ELFM	Contract Owner is not able to increase fees more than a reasonable percent (25%)
●	ULTW	Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent
●	MT	Contract Owner is not able to mint new tokens
●	BT	Contract Owner is not able to burn tokens from specific wallet
●	BC	Contract Owner is not able to blacklist wallets from selling

Contract Diagnostics

● Critical   ● Medium   ● Minor

Severity	Code	Description
●	L01	Public Function could be Declared External
●	L09	Dead Code Elimination

L01 - Public Function could be Declared External

Criticality	minor
Location	contract.sol#L340,L321,L293 and 7 more

Description

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

```
decreaseAllowance
increaseAllowance
transferFrom

...
```

Recommendation

Use the external attribute for functions never called from the contract.

L09 - Dead Code Elimination

Criticality	minor
Location	contract.sol#L418,L23

Description

Functions that are not used in the contract, and make the code's size bigger.

```
_burn
_msgData
```

Recommendation

Remove unused functions.

Contract Functions

Contract	Type	Bases		
	Function Name	**Visibility**	**Mutability**	**Modifiers**
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
IERC20Metadata	Interface	IERC20		
	name	External		-
	symbol	External		-
	decimals	External		-
ERC20	Implementation	Context, IERC20, IERC20Metadata		
	<Constructor>	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	✓	
CryptoSlash	Implementation	ERC20		
	<Constructor>	Public	✓	ERC20

Contract Flow
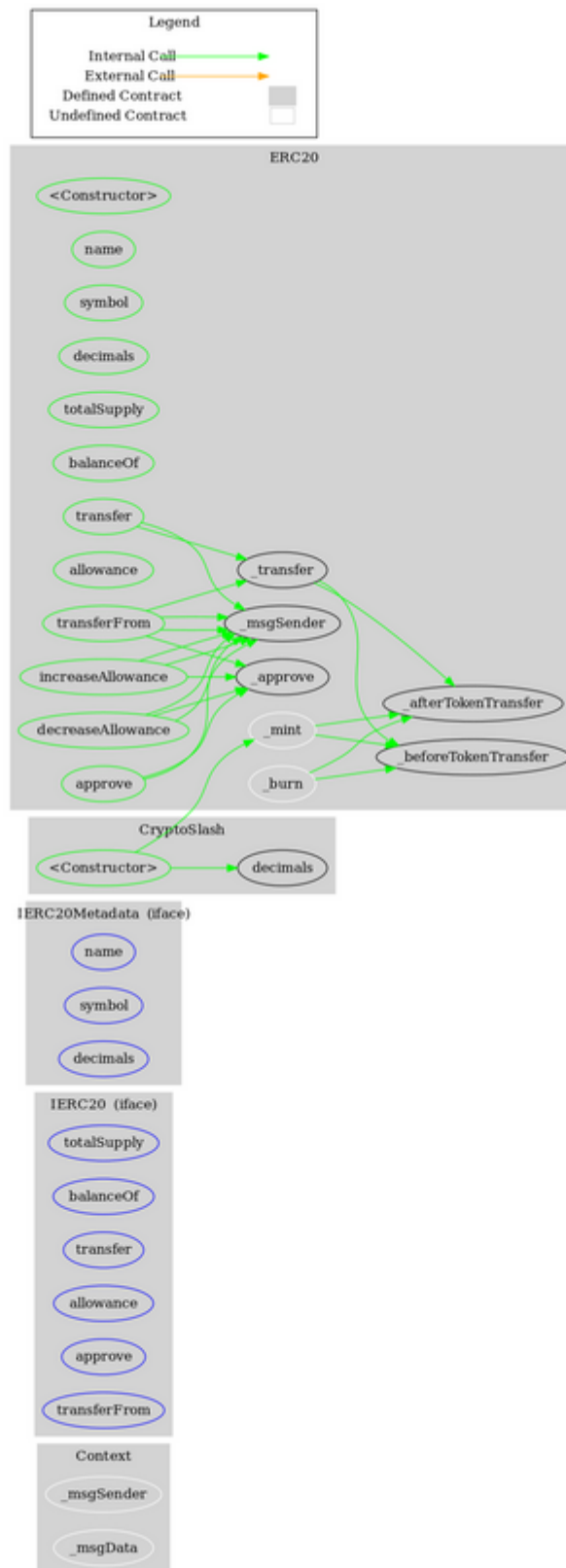
Domain Info

Domain Name	cryptoslash.io
Registry Domain ID	c66a72f7246a4a8fbe5498a163792d12-DONUTS
Creation Date	2021-11-30T04:29:08Z
Updated Date	2022-01-04T10:58:18Z
Registry Expiry Date	2022-11-30T04:29:08Z
Registrar WHOIS Server	whois.namecheap.com
Registrar URL	https://www.namecheap.com/
Registrar	NameCheap, Inc.
Registrar IANA ID	1068

The domain has been created about 2 months before the creation of the audit. It will expire in 10 months.

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

Summary

Cryptoslash claims to be an ancient inspired RPG NFT game designed to provide the users a thrilling experience by fighting other Slashers for PVP tournaments and fighting MOBS and Bosses in Adventure. Characters from Cryptoslash may also be called Slashers.

The Project has a friendly and growing community. The Smart Contract analysis reported no compiler error or critical issues. The contract Owner can access some admin functions that can not be used in a malicious way to disturb the users' transactions.

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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

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