

Audit Report

Cell.land

December 2021

Type	ERC20
Address	0xbE5Ec791Eeb4A12221094126e7C829Bbb8C776FE
Audited by	© coinscope

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Contract Name	Land
Compiler Version	v0.8.0+commit.c7dfd78e
Optimization	200 runs
Licence	
Explorer	https://etherscan.com/token/0xbE5Ec791Eeb4A12221094126e7C829Bbb8C776FE
Symbol	CLD
Decimals	18
Total Supply	100,000,000
Source	contract.sol
Domain	cell.land

Audit Updates

Initial Audit	30th December 2021
Corrected	

Contract Analysis

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 (25%)
	ST	Contract Owner is not able to pause transactions for everyone else except him
	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

● Critical ● Medium ● Minor ● Pass

Severity	Code	Description
●	L09	Dead Code Elimination
●	L03	Redundant Statements
●	L01	Public Function could be Declared External

L09 - Dead Code Elimination

Criticality	minor
Location	@openzeppelin/contracts/utils/Context.sol#L20

Description

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

```
_msgData
```

Recommendation

Remove unused functions.

L03 - Redundant Statements

Criticality	minor
Location	@openzeppelin/contracts/utils/Context.sol#L21

Description

Detect the usage of redundant statements that have no effect.

Context

Recommendation

Remove redundant statements if they congest code but offer no value.

L01 - Public Function could be Declared External

Criticality	minor
Location	@openzeppelin/contracts/token/ERC20/ERC20.sol#L59,L67,L84 and 9 more

Description

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

```
name
symbol
decimals
...
```

Recommendation

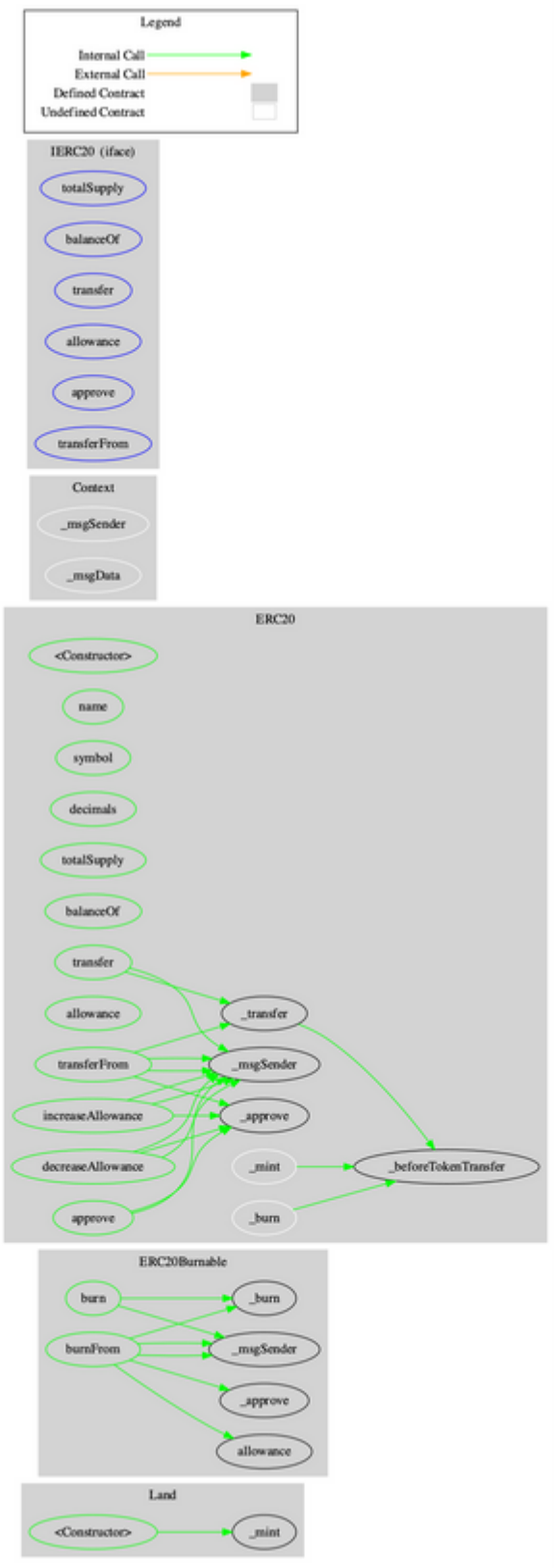
Use the external attribute for functions never called from the contract

Contract Functions

Contract	Type	Bases		
	Function Name	**Visibility**	**Mutability**	**Modifiers**
Land	Implementation	ERC20Burnable		
	<Constructor>	Public	✓	ERC20
ERC20Burnable	Implementation	Context, ERC20		
	burn	Public	✓	-
	burnFrom	Public	✓	-
ERC20	Implementation	Context, IERC20		
	<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	✓	

Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-

Contract Flow



Domain Info

Domain Name	cell.land
Registry Domain ID	36a444b715f042e9a6add5cb7de02813-DONUTS
Creation Date	2021-03-13T08:56:33Z
Updated Date	2021-12-20T12:15:41Z
Registry Expiry Date	2026-03-13T08:56:33Z
Registrar WHOIS Server	whois.namecheap.com
Registrar URL	https://www.namecheap.com/
Registrar	NameCheap, Inc.
Registrar IANA ID	1068

The domain has been created 10 months before the creation of the audit. It will expire in about 4 years.

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

Summary

Cell.Land is aiming to be a fully decentralised NFT-based advertising billboard in the blockchain industry, which serves as a platform for advertising in the field of Metaverse and Cryptocurrency. The smart contract analysis reported no compiler errors or critical issues. No admin function can be used by the owner in a malicious way.

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About Coinscope

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