

# Audit Report LUCKY CATS

August 2022

Type BEP20

Network BSC

Address 0x683bbaa70fd8e2cf62617e48b100a7609ee48946

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## **Contract Review**

Contract Name	LUCKYCATS
Compiler Version	v0.8.3+commit.8d00100c
Optimization	200 runs
Licence	None
Explorer	https://bscscan.com/token/0x683bbaa70fd8e2cf62617e4 8b100a7609ee48946
Symbol	KATZ
Decimals	18
Total Supply	100,000,000
Domain	https://luckycats.games

# Source Files

Filename	SHA256
contract.sol	7a035ec157568a98fc1bdd66dd5a152541cfb544022d453 54d47de739c40cb5e

# **Audit Updates**

Initial Audit	1st September 2022
Corrected	



# **Contract Analysis**

Critical
 Medium
 Minor / Informative
 Pass

Severity	Code	Description	Status
•	ST	Stops Transactions	Passed
•	OCTD	Transfers Contract's Tokens	Passed
•	OTUT	Transfers User's Tokens	Passed
•	ELFM	Exceeds Fees Limit	Passed
•	ULTW	Transfers Liquidity to Team Wallet	Passed
•	MT	Mints Tokens	Passed
•	ВТ	Burns Tokens	Passed
•	ВС	Blacklists Addresses	Passed

# **Contract Diagnostics**

CriticalMediumMinor / Informative

Severity	Code	Description	Status
•	L01	Public Function could be Declared External	Unresolved
•	L03	Redundant Statements	Unresolved
•	L04	Conformance to Solidity Naming Conventions	Unresolved



### L01 - Public Function could be Declared External

Criticality	minor / informative
Location	contract.sol#L335,540,575,344,514,560
Status	Unresolved

#### Description

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

renounceOwnership decreaseAllowance burnFrom transferOwnership increaseAllowance burn

#### Recommendation

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



#### L03 - Redundant Statements

Criticality	minor / informative
Location	contract.sol#L273
Status	Unresolved

#### Description

The contract contains statements that are not used and have no effect. As a result, those segments increase the code size of the contract unnecessarily.

Context

#### Recommendation

Remove the redundant statements in order to decrease the code size.



# L04 - Conformance to Solidity Naming Conventions

Criticality	minor / informative
Location	contract.sol#L367,366,368
Status	Unresolved

#### Description

Solidity defines a naming convention that should be followed. Rule exceptions:

- Allow constant variable name/symbol/decimals to be lowercase.
- Allow \_ at the beginning of the mixed\_case match for private variables and unused parameters.

```
_symbol
_decimals
_name
```

#### Recommendation

Follow the Solidity naming convention.

https://docs.soliditylang.org/en/v0.4.25/style-guide.html#naming-conventions.



# **Contract Functions**

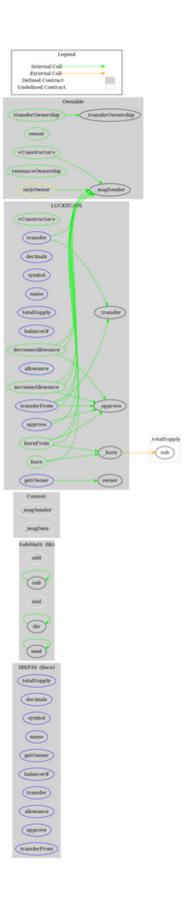
Contract	Туре	Bases		
	Function Name	Visibility	Mutability	Modifiers
IDEDOS				
IBEP20	Interface	F. 4		
	totalSupply	External		-
	decimals	External		-
	symbol	External		-
	name	External		-
	getOwner	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	1	-
SafeMath	Library			
	add	Internal		
	sub	Internal		
	sub	Internal		
	mul	Internal		
	div	Internal		
	div	Internal		
	mod	Internal		
	mod	Internal		
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
Ownable	Implementation	Context		
	<constructor></constructor>	Public	1	-
	owner	Public		-



	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
	_transferOwnership	Internal	✓	
LUCKYCATS	Implementation	Context, IBEP20, Ownable		
	<constructor></constructor>	Public	1	-
	getOwner	External		-
	decimals	External		-
	symbol	External		-
	name	External		-
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	1	-
	allowance	External		-
	approve	External	1	-
	transferFrom	External	✓	-
	increaseAllowance	Public	1	-
	decreaseAllowance	Public	<b>✓</b>	-
	burn	Public	1	-
	burnFrom	Public	1	-
	_transfer	Internal	1	
	_burn	Internal	1	
	_approve	Internal	1	



# **Contract Flow**





# Domain Info

Domain Name	luckycats.games
Registry Domain ID	20d3e585d814443e93c39d841685e62d-DONUTS
Creation Date	2022-07-22T11:09:52Z
Updated Date	2022-07-27T11:10:17Z
Registry Expiry Date	2023-07-22T11:09:52Z
Registrar WHOIS Server	whois.namecheap.com
Registrar URL	https://www.namecheap.com/
Registrar	NameCheap, Inc.
Registrar IANA ID	1068

The domain was created about 1 month before the creation of the audit. It will expire in 11 months.

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



# Summary

LUCKY CATS Token is an interesting project that 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.



#### Disclaimer

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The Cyberscope team disclaims any liability for the resulting losses.



# About Cyberscope

Coinscope audit and K.Y.C. service has been rebranded to Cyberscope.

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.

Cyberscope and Coinscope are aiming to make crypto discoverable and efficient globally. They provide all the essential tools to assist users draw their own conclusions.



The Cyberscope team

https://www.cyberscope.io