Cyberscope

Audit Report

The Apes Movement Community Token

April 2022

Type	BEP20
Network	BSC
Address	0xFb3Ab8200Ef8302BB3f91963a3E5C224FAB1f78d
Audited by	© cyberscope

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Contract Review

Contract Name	StandardToken
Compiler Version	v0.8.4+commit.c7e474f2
Optimization	200 runs
Licence	MIT
Explorer	https://bscscan.com/token/0xFb3Ab8200Ef8302BB3f91963a3E5C224FAB1f78d
Symbol	APEMC
Decimals	18
Total Supply	513,960,784
Domain	theapesmctoken.com

Source Files

Filename	SHA256
contract.sol	43810ac0dfad3de7f65f6848ac6e3953da2024288d0937b62fa80707ff0dd5bf

Audit Updates

Initial Audit	11th May 2022
Corrected	30th April 2022

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#L165,173,483,491,508,515,522,540,553,570,593,622,649

Description

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

```
decreaseAllowance
increaseAllowance
transferFrom
approve
allowance
transfer
balanceOf
totalSupply
decimals
...
```

Recommendation

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

L09 - Dead Code Elimination

Criticality	minor
Location	contract.sol#L727,772

Description

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

```
_setupDecimals
_burn
```

Recommendation

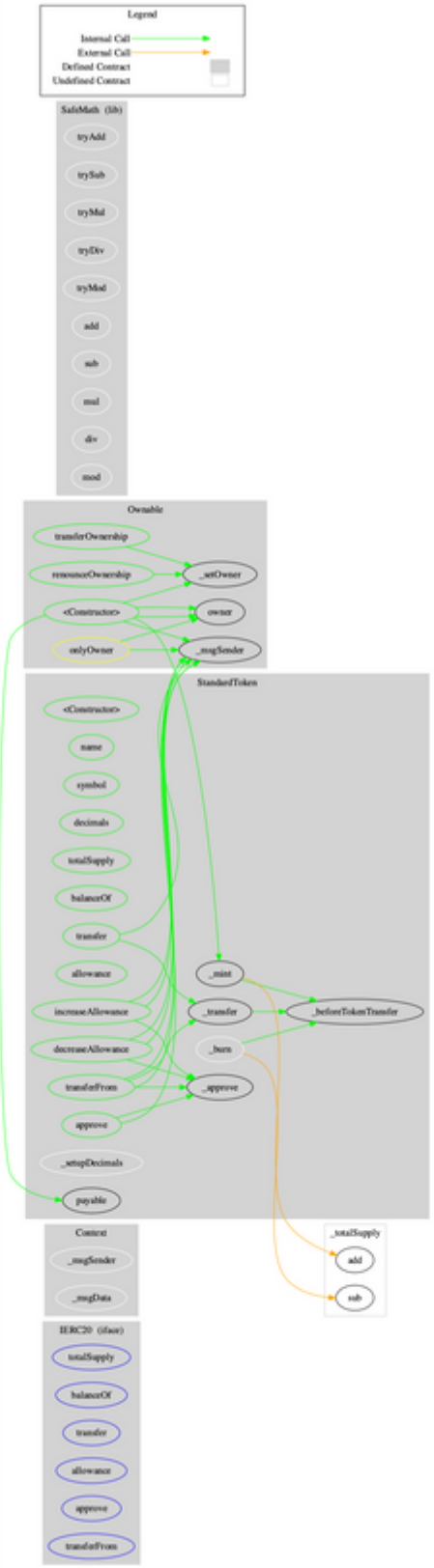
Remove unused functions.

Contract Functions

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
Ownable	Implementation	Context		
	<Constructor>	Public	✓	-
	owner	Public		-
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
	_setOwner	Private	✓	
SafeMath	Library			
	tryAdd	Internal		
	trySub	Internal		
	tryMul	Internal		
	tryDiv	Internal		
	tryMod	Internal		
	add	Internal		
	sub	Internal		
	mul	Internal		
	div	Internal		

	mod	Internal		
	sub	Internal		
	div	Internal		
	mod	Internal		
BaseToken	Implementation			
StandardToken	Implementation	IERC20, Ownable, BaseToken		
	<Constructor>	Public	Payable	-
	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	✓	
	_setupDecimals	Internal	✓	
	_beforeTokenTransfer	Internal	✓	

Contract Flow



Domain Info

Domain Name	theapesmctoken.com
Registry Domain ID	2692652180_DOMAIN_COM-VRSN
Creation Date	2022-04-28T19:48:00.00Z
Updated Date	2022-04-28T20:09:36.00Z
Registry Expiry Date	2023-04-28T19:48:00.00Z
Registrar WHOIS Server	WHOIS.ENOM.COM
Registrar URL	WWW.ENOM.COM
Registrar	ENOM, INC.
Registrar IANA ID	48

The domain has been created 2 days before the creation of the audit. It will expire in 12 months.

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

Summary

APEMC 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

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.

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The Cyberscope team

https://www.cyberscope.io

Cyberscope

Audit Report

The Apes Movement Community Token

April 2022

Type	ERC20
Network	ETH
Address	0x8355d18758db246390d6a6abfd9bc7e12bfb6137
Audited by	© cyberscope

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Contract Review

Contract Name	StandardToken
Compiler Version	v0.8.4+commit.c7e474f2
Optimization	runs
Licence	
Explorer	https://etherscan.io/token/0x8355D18758db246390d6A6ABFD9bc7e12bFb6137
Symbol	apemc
Decimals	18
Total Supply	513,960,784
Domain	theapesmctoken.com

Source Files

Filename	**SHA256**
contract.sol	43810ac0dfad3de7f65f6848ac6e3953da2024288d0937b62fa80707ff0dd5bf

Audit Updates

Initial Audit	30th April 2022
Corrected	

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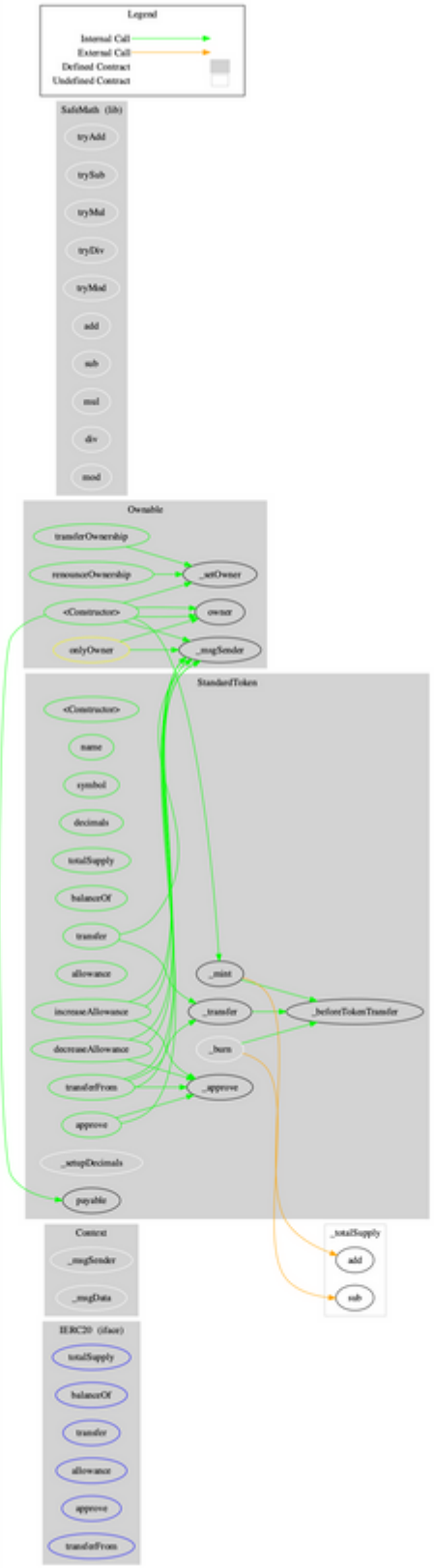
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Context	Implementation			
	_msgSender	Internal		
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Ownable	Implementation	Context		
	<Constructor>	Public	✓	-
	owner	Public		-
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
	_setOwner	Private	✓	
SafeMath	Library			
	tryAdd	Internal		
	trySub	Internal		
	tryMul	Internal		
	tryDiv	Internal		
	tryMod	Internal		
	add	Internal		
	sub	Internal		
	mul	Internal		
	div	Internal		

	mod	Internal		
	sub	Internal		
	div	Internal		
	mod	Internal		
BaseToken	Implementation			
StandardToken	Implementation	IERC20, Ownable, BaseToken		
	<Constructor>	Public	Payable	-
	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	✓	
	_setupDecimals	Internal	✓	
	_beforeTokenTransfer	Internal	✓	

Contract Flow



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