



Audit Report

Vegas Crypto

December 2021

Type BEP20
Address 0x7596bA3C5d26604470C7a3150CF1105966121b1E
Audited by © coinscope

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Contract Review

Contract Name	VegasCrypto
Compiler Version	v0.8.3+commit.8d00100c
Optimization	200 runs
Licence	MIT
Explorer	https://bscscan.com/token/0x7596bA3C5d26604470C7a3150CF1105966121b1E
Symbol	VCR
Decimals	9
Total Supply	100,000,000,000
Website	http://vegascrypto.io/

Audit Updates

Initial Audit	14th of December 2021
Corrected	

Contract Analysis

Pass	Description
✓	Contract Owner is not able to mint new tokens
✓	Contract Owner is not able to burn tokens from specific wallet
✗	Contract Owner is not able to increase fees more than a reasonable percent (10%)
✓	Contract Owner is not able to stop or pause transactions
✓	Contract Owner is not able to transfer tokens from specific address
✓	Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent
✓	Contract Owner is not able to blacklist wallets from selling

ELFM - Exceed Limit Fees Manipulation

Criticality	high
Location	https://bscscan.com/address/0x7596bA3C5d26604470C7a3150CF1105966121b1E#code#L1030,L1034,L1037

Description

The contract owner has the authority to increase fees without limit. The owner may take advantage of it by calling functions like the `setReflectionFee` with a high percentage value.

```
function setReflectionFee(uint256 fee) public onlyOwner {  
    _taxFee = fee;  
}
```

Recommendation

The contract could embody a check for the maximum acceptable value.

The team should carefully manage the private keys of the owner's account. We strongly recommend a powerful security mechanism that will prevent a single user from accessing the contract admin functions. That risk can be prevented by temporarily locking the contract or renouncing ownership.

Contract Diagnostics

Pass	Name
✓	Integer Underflow
✓	Parity Multisig Bug
✓	Callstack Depth Attack
✓	Transaction-Ordering Dependency
✓	Timestamp Dependency
✓	Re-Entrancy

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	✓	-
SafeMath	Library			
	add	Internal		

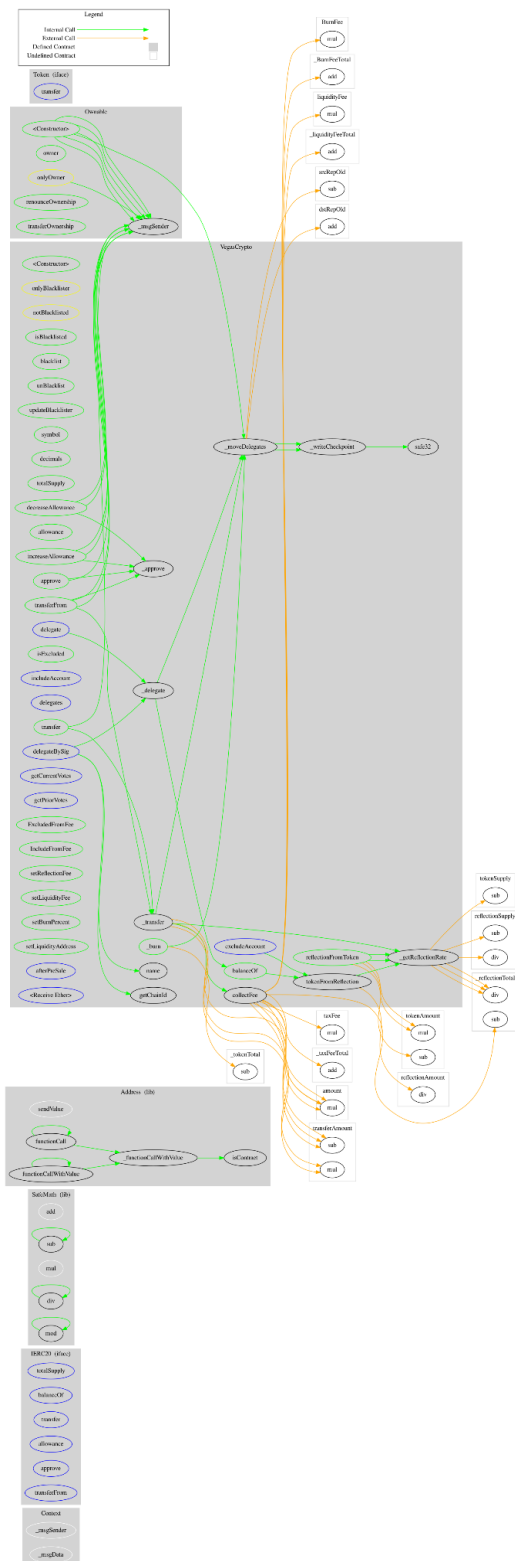
	sub	Internal		
	sub	Internal		
	mul	Internal		
	div	Internal		
	div	Internal		
	mod	Internal		
	mod	Internal		
Address	Library			
	isContract	Internal		
	sendValue	Internal	✓	
	functionCall	Internal	✓	
	functionCall	Internal	✓	
	functionCallWithValue	Internal	✓	
	functionCallWithValue	Internal	✓	
	_functionCallWithValue	Private	✓	
Ownable	Implementation	Context		
		Public	✓	-

	owner	Public		-
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
Token	Interface			
	transfer	External	✓	-
VegasCrypto	Implementation	Context, IERC20, Ownable		
		Public	✓	-
	isBlacklisted	Public		-
	blacklist	Public	✓	onlyBlacklist er
	unBlacklist	Public	✓	onlyBlacklist er
	updateBlacklist	Public	✓	onlyOwner
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-

	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	increaseAllowance	Public	✓	-
	decreaseAllowance	Public	✓	-
	isExcluded	Public		-
	reflectionFromToken	Public		-
	tokenFromReflection	Public		-
	excludeAccount	External	✓	onlyOwner
	includeAccount	External	✓	onlyOwner
	_approve	Private	✓	
	_transfer	Private	✓	
	_burn	Public	✓	onlyOwner
	collectFee	Private	✓	
	_getReflectionRate	Private		
	delegates	External		-
	delegate	External	✓	-

	delegateBySig	External	✓	-
	getCurrentVotes	External		-
	getPriorVotes	External		-
	_delegate	Internal	✓	
	_moveDelegates	Internal	✓	
	_writeCheckpoint	Internal	✓	
	safe32	Internal		
	getChainId	Internal		
	ExcludedFromFee	Public	✓	onlyOwner
	IncludeFromFee	Public	✓	onlyOwner
	setReflectionFee	Public	✓	onlyOwner
	setLiquidityFee	Public	✓	onlyOwner
	setBurnPercent	Public	✓	onlyOwner
	setLiquidityAddress	Public	✓	onlyOwner
	afterPreSale	External	✓	onlyOwner
		External	Payable	-

Contract Flow



Domain Info

Domain Name	vegascrypto.io
Registry Domain ID	be0f3c93f3fc4b4cab350b2e50d16c60-DONUTS
Registrar WHOIS Server	Server: whois.godaddy.com/
Registrar URL	http://www.godaddy.com/domains/search.aspx?ci=8990
Updated Date	2021-12-11T12:20:31Z
Creation Date	2021-12-11T12:20:31Z
Registry Expiry Date	2022-12-11T12:20:31Z
Registrar	GoDaddy.com, LLC
Registrar IANA ID	146

The domain has been created some days before the creation of the audit. It will expire in one year.

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

Summary

Vegas crypto is aiming to be used in casino gaming with part of the casinos takings paid in reflections to holders. The contract analysis shows some segments that are not used by the contract, like the blacklist section. Also, there is a liquidity fee but the contract does not contain auto generation liquidity functionality. There are some functions that can be abused by the owner, like manipulating fees and transferring funds to the team's wallet. A multi-wallet signing pattern or renouncing the ownership will eliminate all the contract threats.

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.

Coinscope team provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Always Do your own research and protect yourselves from being scammed.

The Coinscope team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools. Under no circumstances did Coinscope receive a payment to manipulate those results or change the awarding badge that we will be adding in our website.

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The Coinscope team disclaims any liability for the resulting losses.

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>