

Audit Report CryptoGotchies

November 2022

Type BEP20

Network BSC

Address 0x3902547fD2Ba8f0C74532B08fA7A929a73cEdf0B

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Contract Review

Contract Name	GOTCHI
Compiler Version	v0.8.13+commit.abaa5c0e
Optimization	200 runs
Licence	None
Explorer	https://bscscan.com/token/0xEb19D1e8BCE5C4D6f4c78 D984287b99aA9aEc0B6
Symbol	GOTCHI
Decimals	9
Total Supply	1,000,000,000
Domain	cryptogotchies.com

Source Files

Filename	SHA256
contract.sol	b00ef793ebdabb3e2d111499df7806744a24f7a2c248ea6 1218bb4cbd9fd47d7

Audit Updates

Initial Audit	23rd November 2022 https://github.com/cyberscope-io/audits/tree/main/gotchi/v1/audit.pdf
Corrected	25th November 2022



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
•	L04	Conformance to Solidity Naming Conventions	Unresolved



L04 - Conformance to Solidity Naming Conventions

Criticality	minor / informative
Location	contract.sol#L122,48,116,79,111
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.

```
_from
WETH
_value
_spender
totalSupply
_to
```

Recommendation

Follow the Solidity naming convention.

https://docs.soliditylang.org/en/v0.8.17/style-guide.html#naming-conventions.



Contract Functions

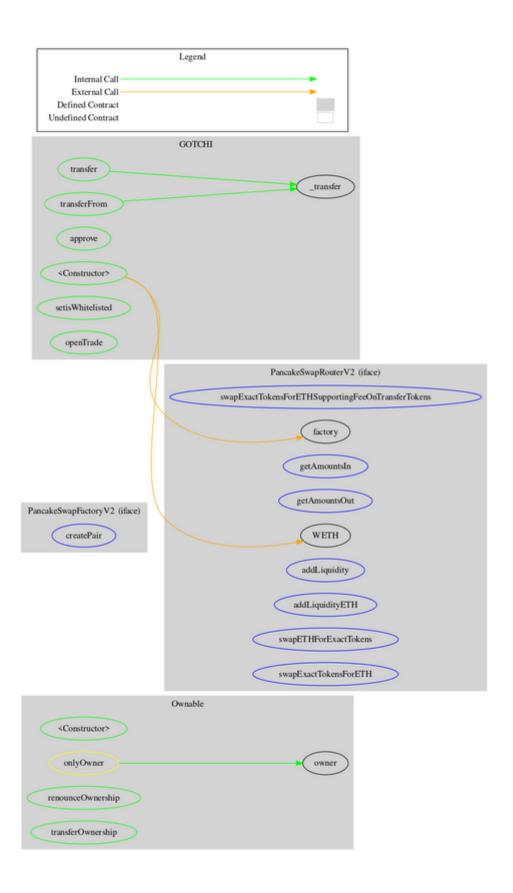
Contract	Туре	Bases		
	Function Name	Visibility	Mutability	Modifiers
Ownable	Implementation			
Ownable	<constructor></constructor>	Public	/	_
	owner	Public	•	_
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	√	onlyOwner
PancakeSwap FactoryV2	Interface			
	createPair	External	1	-
PancakeSwap RouterV2	Interface			
	swapExactTokensForETHSupporting FeeOnTransferTokens	External	1	-
	factory	External		-
	getAmountsIn	External		-
	getAmountsOut	External		-
	WETH	External		-
	addLiquidity	External	1	-
	addLiquidityETH	External	Payable	-
	swapETHForExactTokens	External	Payable	-
	swapExactTokensForETH	External	1	-
GOTCHI	Implementation	Ownable		
	<constructor></constructor>	Public	/	-
	_transfer	Internal	/	
	transfer	Public	✓	-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	setisWhitelisted	Public	1	onlyOwner



openTrade	Public 🗸	onlyOwner
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Contract Flow





Domain Info

Domain Name	cryptogotchies.com
Registry Domain ID	2731521519_DOMAIN_COM-VRSN
Creation Date	2022-10-12T12:46:10Z
Updated Date	2022-10-12T12:46:12Z
Registry Expiry Date	2025-10-12T12:46:10Z
Registrar WHOIS Server	whois.google.com
Registrar URL	https://domains.google.com
Registrar	Google LLC
Registrar IANA ID	895

The domain was created about 1 month before the creation of the audit. It will expire in almost 3 years.

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



Summary

CryptoGotchies 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.



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About Cyberscope

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Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.



The Cyberscope team

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