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ECOCELIUM ETH SMART CONTRACT AUDIT REPORT

JOHNWICK SECURITY LAB

WWW.JOHNWICK.IO



降维安全智能合约审计证书

审计编号: 202012004

兹证明

ECOCELIUM

0x06AF4e395b33Fd7b017E45E081E38c939F7CdEF0

合约代码符合标准:

[降维实验室合约审计标准]

认证范围如下:

- 1 技术漏洞导致的资产风险 (整数溢出/权限控制不当等)
- 2 业务设计缺陷导致的增发风险 (高权限增发/做定期非预期增发)
- 3 合约部分用户权限过高导致资产损失的道德风险 (用户在质押资产销毁/转移等)
- 4 其他技术高风险漏洞缺陷

首次发证日期: 2020-12-13 本次发证日期: 2020-12-13 有效期至: 2021-12-13

声明: 我们会对该合约的安全进行长期跟踪, 鉴于当前技术和区块链行业的发展我们建议合约进行定期安全审计。

审计结果: **通过**

在线验证: <https://www.johnwick.io/verify/f4a2cb91e839ace99a71ef678266599>

注意事项: 无



John Wick Security Lab received ECOCELIUM smart contract code audit requirements on 2020/12/10.

Project Name: ECOCELIUM

Smart Contract Address:

<https://etherscan.io/address/0x06AF4e395b33Fd7b017E45E081E38c939F7CdEF0#code>

Audit Number: 20201206

Audit Date: 20201212

Audit Category and Result:

Category	Sub-category	Result (Pass/Not Pass)
Contract vulnerability	Integer overflow	Pass
	Race condition	Pass
	Denial of service	Pass
	Logical vulnerability	Pass
	Hardcoded address	Pass
	Function input parameter check	Pass
	Function access control bypass	Pass
	Random number generation	Pass
Contract specification	Random number use	Pass
	Solidity compiler version	Pass
	Event use	Pass
	fallback function use	Pass
	Constructor use	Pass
	Function visibility declaration	Pass
	Variable storage declaration	Pass
	Deprecated keyword use	Pass
Business risk	ERC20/223 standard	Pass
	ERC721 standard	Pass
	Able to arbitrarily create token	Pass
	Able to arbitrarily destroy token	Pass
	Able to arbitrarily suspend tx.	Pass
GAS optimization	"Short address" attack	Pass
	"Fake recharge" attack	Pass
	assert()/require()	Pass
Automated fuzzing	Loop(for/while) optimization	Pass
	Storage optimization	Pass
Automated fuzzing		Pass

(Other unknown security vulnerabilities and Ethereum design flaws are not included in this audit responsibility)

Audit Result: PASS

Auditor: John Wick Security Lab

(Disclaimer: The John Wick Security Lab issues this report based on the facts that have occurred or existed before the issuance of this report and assumes corresponding responsibility in this regard. For the facts that occur or exist after the issuance of this report, the John Wick Security Lab cannot judge the security status of its smart contracts and does not assume any responsibility for it. The safety audit analysis and other contents of this report are based on the relevant materials and documents provided by the information provider to the John Wick Security Lab when the report is issued (referred to as the information provided). The John Wick Security Lab assumes that there is no missing, falsified, deleted, or concealed information provided. If the information provided is missing, falsified, deleted, concealed, or the information provider's response is inconsistent with the actual situation, the John Wick Security Lab shall not bear any responsibility for the resulting loss and adverse effects.)