



Solidity checkUp



Compound (COMP)

SMART CONTRACT AUDIT REPORT

25 March 2022

Audited by
Solidity CheckUp

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Disclaimer

The information provided on this report document is only for general information and should not be used as a reason to invest. Solidity CheckUp Team will take no payment for manipulating the results of this audit. Solidity CheckUp Team does not guarantees that a project will not sell off team supply, or any other scam strategy.

Smart contracts are deployed and executed on the blockchain platform. The platform, its programming language, and other software related to the smart contract can have its vulnerabilities that can lead to hacks. The audit can't guarantee the explicit security of the audited project / smart contract.

Audit Details



Audited project

Compound Finance



Deployer Address

0x1449e0687810BdDD356ae6Dd87789244A46d9AdB



Client Contacts

Compound Finance Team



Website

<https://compound.finance/>



Blockchain

Ethereum

Background

Solidity CheckUp, they chose "Compound Finance" and performed the audit of the Compound (COMP) token's smart contract:

<https://etherscan.io/address/0xc00e94cb662c3520282e6f5717214004a7f26888#code>

The purpose of the audit was to achieve the following:

- Ensure that the smart contract functions as intended.
- Identify potential security issues with the smart contract.

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified.



Contract Details

Token	Contract Details for 25.03.2022
Contract Name	Compound
Contract Address	0xc00e94cb662c3520282e6f5717214004a7f26888
Total Supply	10,000,000
Token Ticker	COMP
Decimals	18
Token Holders	188459
Transections Count	1722116
Liquidity Fee	0
Tax Fee	0
Uniswap V2 Pair	0xea4ba4ce14fdd287f380b55419b1c5b6c3f22ab6



Token Details

Details

Buy Fees: N/A

Sell Fees: N/A

Max TX: N/A

Max Sell: N/A

Honeypot Risk

Ownership: Owned

Blacklist: Not Detected

Modify Max TX: Not Detected

Modify Max Sell: Not Detected

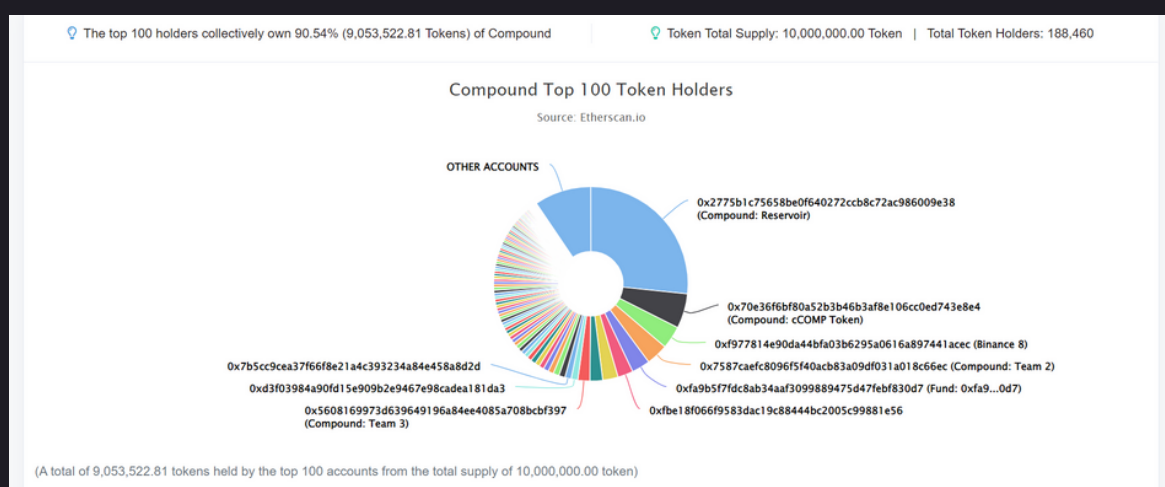
Enable Trading: Not Detected

Rug Pull Risk

Liquidity: Not Detected

Holders: Not Detected

Token Analysis & Top10 Holders



<https://etherscan.io/token/tokenholderchart/0xc00e94cb662c3520282e6f5717214004a7f26888>

Rank	Address	Quantity	Percentage	Value	Analytics
1	Compound: Reservoir	2,665,389.52	26.6539%	\$315,502,157.48	📈
2	Compound: cCOMP Token	579,789.980006308224252684	5.7979%	\$68,629,739.93	📈
3	Binance 8	376,173	3.7617%	\$44,527,598.01	📈
4	Compound: Team 2	364,555.52	3.6456%	\$43,152,436.90	📈
5	Fund: 0xfa9...0d7	305,957.27	3.0596%	\$36,216,162.05	📈
6	0xfb818f066f9583dac19c88444bc2005c99881e56	256,760.85	2.5676%	\$30,392,781.81	📈
7	Compound: Timelock	256,264.830388776960331346	2.5626%	\$30,334,067.97	📈
8	0x0f50d31b3eae4d65236dd3736b863cfa4c63c4e	210,965.87	2.1097%	\$24,972,030.03	📈
9	Compound: Team 3	200,000	2.0000%	\$23,674,000.00	📈
10	0xd3f03984a90fd15e909b2e9467e98cadea181da3	111,080.98	1.1108%	\$13,148,655.60	📈

Audit Overview

No.	Issue description	Checking Status
1	Compiler Errors / Warnings	Passed
2	Reentrancy and Cross-function	Passed
3	Front running	Passed
4	Timestamp dependence	Passed
5	Integer Overflow and Underflow	Passed
6	Reverted DoS	Passed
7	DoS with block gas limit	Passed
8	Methods execution permissions	Passed
9	Exchange rate impact	Passed
10	Malicious Event	Passed
11	Scoping and Declarations	Passed
12	Uninitialized storage pointers	Passed
13	Design Logic	Passed
14	Safe Zeppelin module	Passed



Audit Overview

Security Issue

0 High

0 Medium

0 Low

0 Critical



Owner Privileges

- Contract owner can't mint tokens after initial contract deploy.
- Contract owner can't disable trading.
- Contract owner can't exclude an address from transection.
- Contract owner can't set / change buy & sell taxes.
- Contract owner can't change swap settings.
- Contract owner can't change tx amount
- Contract owner can't transfer ownership

Conclusion & Analysis

- Smart Contracts within the scope were manually reviewed and analyzed with static tools.
- Audit report overview contains all found security vulnerabilities and other issues in the reviewed code.
- Found no Critical issue during the first review.
- Liquidity pair contract security is not checked due to out of scope



Kindly check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by Owner.



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