



**Disclaimer:**

The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product Dapp code has been reviewed.

PROJECT NAME: **Agent Cobra**

OFFICIAL LOGO:



SOCIAL MEDIA: <https://twitter.com/cobratokenarmy>

Email: [info@cobratoken.website](mailto:info@cobratoken.website)

WEBSITE: <https://cobratoken.website>

Hosted By: **hostinger.com**

**Deployer Address: 0x0753Ad840Aa13f996C18ceB32154dCA4C41d642B**

**Contract Address: 0xeA056C9B578f5ba9219C4c188557dA485E40E1B0**

**Optimization Enabled Languages: Solidity (Smart contract) with 200 runs Contract**

Byte Detective search line by line to assist users in identifying potential rug pull scams or malicious hidden code and highlighting any potential red flags that may indicate a scam.

### Contract Details and usefull information

Address: **0xea056c9b578f5ba9219c4c188557da485e40e1b0**

Decimals : 18

Total Supply: 3 Trillion

Burned Amount: 0 (0%)

Compile Info: v0.8.18+commit.87f61d96, 200 runs

Licence: MIT

Proxy: **No proxy**

Code Visible: **Yes**

Number of Interfaces: **5**

Number of Contracts: **4**

Versions: **^0.8.4**

Total Lines: **742**



## IS SOURCE CODE VERIFIED

The contract's source code is verified.

Source code verification provides transparency for users interacting with smart contracts. Block explorers validate the compiled code with the one on the blockchain. This also gives users a chance to audit the contracts.



## PRESENCE OF MINTING FUNCTION

The contract cannot mint new tokens. The `mint` functions was not detected in the contracts.

Mint functions are used to create new tokens and transfer them to the user's/owner's wallet to whom the tokens are minted. This increases the overall circulation of the tokens.



## PRESENCE OF BURN FUNCTION

The tokens can not be burned in this contract.

Burn functions are used to increase the total value of the tokens by decreasing the total supply.

## **PROXY-BASED UPGRADABLE CONTRACT**

This is not an upgradeable contract.

Having upgradeable contracts or proxy patterns allows owners to make changes to the contract's functions, token circulation, and distribution.

## **OWNERS CANNOT BLACKLIST TOKENS OR USER**

Owners cannot blacklist tokens or users.

If the owner of a contract has permission to blacklist users or tokens, all the transactions related to those entities will be halted immediately.

## **IS ERC-20 / BEP20 TOKEN**

The contract was found to be using ERC-20 token standard.

ERC-20 is the technical standard for fungible tokens that defines a set of properties that makes all the tokens similar in type and value.

## **PAUSABLE CONTRACTS**

This is not a Pausable contract.

If a contract is pausable, it allows privileged users or owners to halt the execution of certain critical functions of the contract in case malicious transactions are found.

## **CRITICAL ADMINISTRATIVE FUNCTIONS**

Critical functions that add, update, or delete owner/admin addresses are not detected  
These functions control the ownership of the contract and allow privileged users to add, update, or delete owner or administrative addresses. Owners are usually allowed to control all the critical aspects of the contract.

## **CONTRACT/TOKEN SELF DESTRUCT**

The contract cannot be self-destructed by owners.

`selfdestruct()` is a special function in Solidity that destroys the contract and transfers all the remaining funds to the address specified during the call. This is usually access-control protected.

## **ERC20 RACE CONDITION**

The contract is not vulnerable to ERC-20 approve Race condition vulnerability. ERC-20 approve function is vulnerable to a frontrunning attack which can be exploited by the token receiver to withdraw more tokens than the allowance. Proper mitigation steps should be implemented to prevent such vulnerabilities.

## **RENOUNCED OWNERSHIP**

The contract's owner was not found.

Renounced ownership shows that the contract is truly decentralized and once deployed, it can't be manipulated by administrators.

## **COOLDOWN FEATURE**

The contract does not have a cooldown feature.

Cooldown functions are used to halt trading or other contract workflows for a certain amount of time so as to prevent users from repeatedly executing transactions or buying and selling tokens.

## OWNERS WHITELISTING TOKENS/USERS

Owners can not whitelist tokens or users.  
If the owner of a contract has permission to whitelist users or tokens, it'll be unfair toward other users or the transaction flow may not be executed impartially.

## OWNERS CAN SET/UPDATE FEES

Owners can not set or update Fees in the contract.

## OWNERS UPDATING TOKEN BALANCE

The contract does not have any owner-controlled functions modifying token balances for users or the contract

## FUNCTION RETRIEVING OWNERSHIP

No such functions were found  
If this function exists, it is possible for the project owner to regain ownership even after relinquishing it.

### VULNERABILITIES DETECTED

Critical

0



High

0



Medium

0



Low

0



Informational

0



Gas

0



THANK YOU

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Contact us at: <https://bytedetective.tech>