CYBR CONTRACT BREAKDOWN

Cyber (CYBR) Contract Breakdown

This document is a breakdown of the functions present in the new Cyber contract. In total the contract has 34 write functions, with each write functioning emitting an event that can be seen by anyone via Etherscan. The intent of having more individual functions is to be fully transparent to the community when the owner of the contract is using one of the given functions.

There are a total of 46 read functions within the new Cyber contract. Having all of these functions will enable users to see their address status within the contract and enable the Cyber team to easily work on UI and user experience by having a collection of data on hand, already broken down.

Write Functions

01 **addAddressToPool**
Custom function allows the owner to add an address to the pool.

02 **addProtectedAddress**
Custom function allows the owner to add a protected address. Protected addresses and smart contracts cannot get blacklisted or prohibited from selling.

03 **allowTrading**
Custom function allows the owner to turn on trading. By default, trading is off, and once turned on cannot be turned back off.

04 **approve**
Standard function.

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05 burn
Custom function that allows any address to directly burn to the dead wallet by calling a function of the contract.

06 changeAntiBotTime
Custom function that allows the owner to change the anti-bot time. By default, this is set to 15 seconds and can be no longer than 45 seconds.

07 decreaseAllowance
Standard function.

08 donate
Custom function that allows any address to directly donate to the user donation wallet by calling a function of the contract.

09 increaseAllowance
Standard function.

10 punishBot
Custom function that allows the owner to punish a blacklisted wallet. The owner will have the ability to take any amount of tokens as long as the wallet doesn't go below 1 token, therefore the address remains as a holder. All the tokens are sent to the bot donation wallet.

11 punishSmartContract
Custom function that allows the owner to punish smart contracts that aren't protected. The owner will have the ability to take any amount of tokens as long as the wallet doesn't go below 1 token, therefore the address remains as a holder. All the tokens are sent to the bot donation wallet.

12 removeAddressFromBlacklist
Custom function that allows the owner to remove an address from protected addresses.

13 removeAddressFromPool
Custom function that allows the owner to remove an address from the pool.

14 removeProtectedAddress
Custom function that allows the owner to remove an address from protected addresses.

15

renounceOwnership
Standard function.

16

robinHood
Custom function that allows the owner to call upon all blacklisted wallets that have run out of Robinhood protection time. All but one token can be removed from these addresses, therefore the address remains as a holder. All the tokens are sent to the bot donation wallet.

17

setBotDonationWallet
Custom function that allows the owner to set the bot donation wallet.

18

setContractAuditURL
Custom function that allows the owner to set the contract audit URL.

19

setContractExplanationURL
Custom function that allows the owner to set the contract explanation URL.

20

setDefenseBotSystemOff
Custom function that allows the owner to set the defense bot system to false.

21

setDefenseBotSystemOn
Custom function that allows the owner to set the defense bot system to true.

22

setDefenseSmartContractSystemOff
Custom function that allows the owner to set the defense smart contract system to false.

23

setDefenseSmartContractSystemOn
Custom function that allows the owner to set the defense smart contract system to true.

24

setPolygonBridgeAddress
Custom function that allows the owner to set the Polygon bridge address.

25

setRobinHoodProtectionTime
Custom function that allows the owner to set the RobinHood protection time. This time cannot be less than 7 days (604800 seconds).

26 setTaxStatusOff
Custom function that allows the owner to set the 2% buys tax to false.

27 setTaxStatusOn
Custom function that allows the owner to set the 2% buys tax to true.

28 setUserDonationWallet
Custom function that allows the owner to set the user donation address.

29 setWebsiteURL
Custom function that allows the owner to set the website URL.

30 takeAllFromBot
Custom function that allows the owner to take all but 1 token from a blacklisted wallet.

31 takeAllFromSmartContract
Custom function that allows the owner to take all but 1 token from an unprotected smart contract.

32 Transfer
Standard function.

33 transferFrom
Standard function.

34 transferOwnership
Standard function.

Read Functions

01 allowance
Standard function.

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02

BalanceOf
Standard function.

03

checkBlacklisted
Custom function that allows anybody to check and see if an address is blacklisted via a Query.

03

checkBlacklisted
Custom function that allows anybody to check and see if an address is blacklisted via a Query.

04

checkBlacklistedTime
Custom function that allows to query a blacklisted address and see how long it has been blacklisted, by comparing the current time to the block timestamp of when it was blacklisted.

05

checkLatestTransaction
Custom function that checks the provided addresses' latest transaction via a Query.

06

checkPoolAddress
Custom function that checks to see if the address provided is a pool via a Query.

07

checkProtectedAddress
Custom function that checks to see if the address provided is a protected address via a Query.

08

checkRobinHoodProtectionTimeRemaining
Custom function that checks to see how much time, in seconds, remains before the RobinHood function can take provided blacklisted address's tokens via a Query.

09

checkTaxPaid
Custom function that checks to see how many tokens the provided address has paid due to the 2% buy tax via a Query.

10

checkUserBurned
Custom function that checks to see how many tokens the provided address has burned via the burn function or regular transfer to the dead wallet via a Query.

11

checkUserDonation
Custom function that checks to see how many tokens the provided address had donated via the donate function or regular transfer to the user donation wallet via a Query.

12

decimals
Standard function.

13

name
Standard function.

14

owner
Standard function.

15

showAllowedTrading
Custom function that shows the status of the trading.

16

showAntiBotTime
Custom function that shows what the anti-bot time has been set to.

17

showBlacklist
Custom function that shows all the wallets blacklisted.

18

showBotDonationWallet
Custom function that shows the bot donation wallet.

19

showBurnAmount
Custom function that shows many tokens have been burned.

20

showBurnWallet
Custom function that shows the burn wallet address.

21

showCirculatingSupply
Custom function that shows the circulating supply. This number excludes the amount that has been burned.

22 showContractAuditURL

Custom function that shows the contract audit URL.

23 showContractExplanationURL

Custom function that shows the contract explanation URL.

24 showContractWebsiteURL

Custom function that shows the contract websiteURL.

25 showCyberNationBurners

Custom function that shows addresses who have burned via the contract, or, a simple transfer to the burn wallet.

26 showCyberNationDonors

Custom function that shows addresses who have donated via the contract, or, a simple transfer to the user donation wallet.

27 showDefenseBotSystem

Custom function that shows the status of the bot defense system.

28 showDefenseSmartContractSystem

Custom function that shows the status of the smart contract defense system.

29 showPolygonBridgeAddress

Custom function that shows the contract website URL.

30 showPoolAddresses

Custom function that shows the pool addresses.

31 showPooledTokens

Custom function that shows the collectively pooled tokens.

32 showProtectedAddresses

Custom function that shows protected addresses.

33

showRobinHoodProtectionTime

Custom function that shows what the RobinHood protection time has been set too. Cannot be less than 7 days (604800 seconds).

34

showSpentBotDonations

Custom function that shows how many bot donations have been spent and moved out of the bot donation wallet.

35

showSpentBotDonations

Custom function that shows how many donations have been spent and moved out of both donation wallets.

36

showSpentUserDonations

Custom function that shows how many user donations have been spent and moved out of the user donation wallet.

37

showTaxStatus

Custom function that shows the tax status.

38

showTokensBridgedOnPolygon

Custom function that shows how many tokens are bridged on Polygon.

39

showTokensInsideBotDonationWallet

Custom function that shows how many tokens are inside the bot donation wallet.

40

showTokensInsideDonationWallets

Custom function that shows how many tokens are inside both donation wallets.

41

showTokensInsideUserDonationWallet

Custom function that shows how many tokens are inside the user donation wallet.

42

showTokensReceivedFromBots

Custom function that shows how many tokens have been received from bots, via the punish, take, and Robinhood function.

showTokensReceivedFromCommunity

Custom function that shows how many tokens have been received from the community via the donate function or transfer to the user donation wallet.

showTokensReceivedTotal

Custom function that shows the total tokens received from both bots and the community.

showTotalTaxPaid

Custom function that shows the cumulative tax paid from the 2% buy tax.

showUserDonationWallet

Custom function that shows the user donation wallet.

Symbol

Standard function.

totalSupply

Standard function.