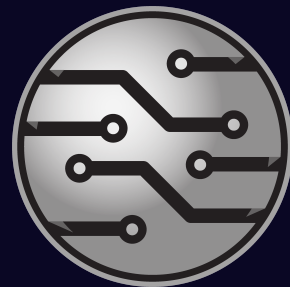**Security** Assessment:
World Compute Network TOKEN

October 28, 2024

- Audit Status: **Fail**
- Audit Edition: **Advance**

Risk Analysis

Classifications of Manual Risk Results

Classification	Description
🔴 Critical	Danger or Potential Problems.
🟠 High	Be Careful or Fail test.
🟡 Medium	Pass, Not-Detected or Safe Item.
🟢 Low	Function Detected

Manual Code Review Risk Results

Contract Privilege	Description
🟢 Buy Tax	5%
🟢 Sale Tax	5%
🟢 Cannot Buy	Pass
🟢 Cannot Sale	Pass
🟢 Max Tax	15%
ℹ️ Modify Tax	Yes
🟢 Fee Check	Pass
🟢 Is Honeypot?	Not Detected
🟢 Trading Cooldown	Not Detected
🟠 Can Pause Trade?	Fail
🟢 Pause Transfer?	Not-Detected
🟢 Max Tx?	Pass
🟢 Is Anti Whale?	Detected
🟢 Is Anti Bot?	Not-Detected

Contract Privilege	Description
🔴 Is Blacklist?	Detected
🟢 Blacklist Check	Pass
🟢 is Whitelist?	Detected
🟢 Can Mint?	Pass
🟢 Is Proxy?	Not Detected
🟢 Can Take Ownership?	Not Detected
🟢 Hidden Owner?	Not-Detected
ℹ️ Owner	0xDEd50F59f3a34e1d026729956714D55a96685f45
🟢 Self Destruct?	Not Detected
🟢 External Call?	Not-Detected
🟢 Other?	Not Detected
🟢 Holders	169
🟡 Auditor Confidence	Medium
🟡 KYC Present	No
🟡 KYC URL	

The following quick summary it's added to the project overview; however, there are more details about the audit and its results. Please read every detail.

Project Overview
Token Summary

Parameter	Result
Address	0xc3698f2F34e8396F7915C1b9FC10966525074291
Name	World Compute Network
Token Tracker	World Compute Network (WCN)
Decimals	18
Supply	100,000,000
Platform	ETHEREUM
compiler	v0.8.19+commit.7dd6d404
Contract Name	WCNV2
Optimization	Yes with 200 runs
LicenseType	MIT
Language	Solidity
Codebase	https://etherscan.io/address/0xc3698f2f34e8396f7915c1b9fc10966525074291#code
Payment Tx	Corporate

Main Contract Assessed
Contract Name

Name	Contract	Live
World Compute Network	0xc3698f2F34e8396F7915C1b9FC10966525074291	Yes

TestNet Contract was Not Assessed

Solidity Code Provided

SolID	File Sha-1	FileName
WCNV2	e94f45a2bf97192247aff1afe4823ba3eacb7874	WCNV2.sol
WCNV2		.sol
WCNV2		.sol
WCNV2		.sol
WCNV2		.sol
WCNV2		.sol

Call Graph

The contract for World Compute Network has the following call graph structure.
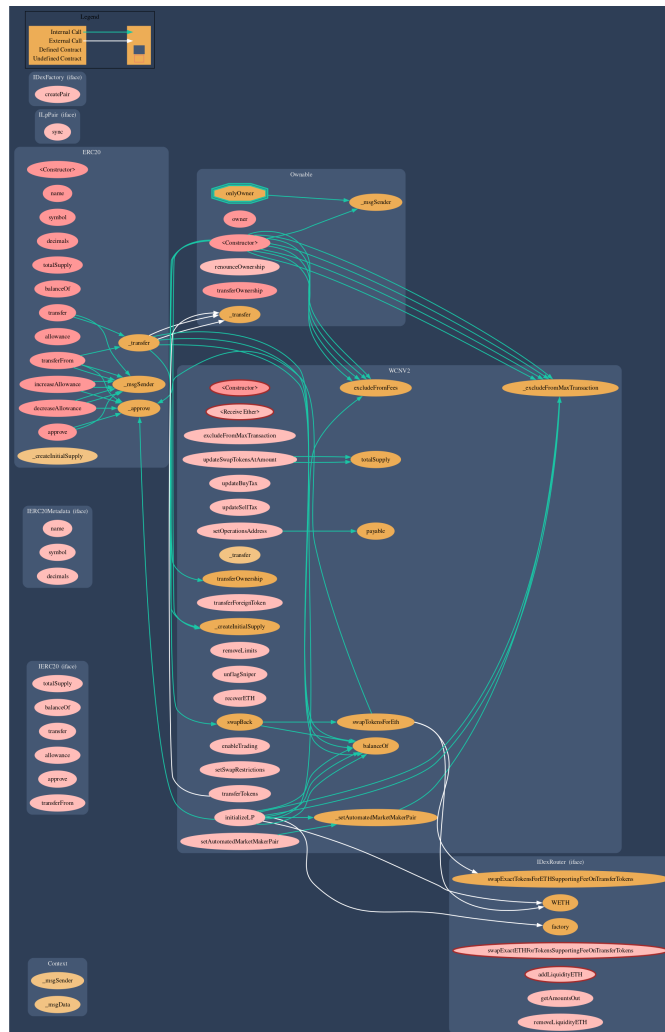
Inheritance

The contract for World Compute Network has the following inheritance structure.

The Project has a Total Supply of 100,000,000

```
   WCNV2          ILpPair        IDexRouter        IDexFactory

  Ownable   ERC20

    Context      IERC20Metadata

         IERC20
```
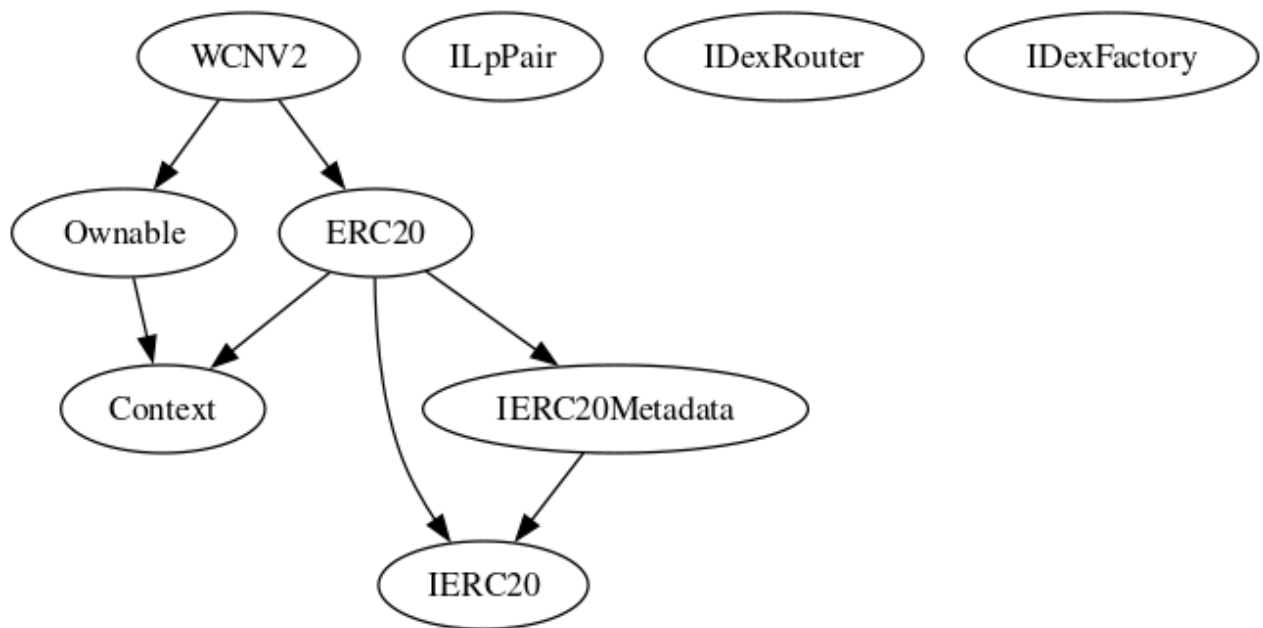
WCN-18 | Stop Transactions by using Enable Trade.

Category	Severity	Location	Status
Logical Issue	🔴 Critical	WCNV2.sol: L: 393 C: 14	🗎 Detected

Description

Enable Trade is presend on the following contract and when combined with Exclude from fees it can be considered a whitelist process, this will allow anyone to trade before others and can represent and issue for the holders.

Remediation

We recommend the project owner to carefully review this function and avoid problems when performing both actions.

Project Action

Technical Findings Summary
Classification of Risk

Severity	Description
🔴 Critical	Risks are those that impact the safe functioning of a platform and must be addressed before launch. Users should not invest in any project with outstanding critical risks.
🟠 High	Risks can include centralization issues and logical errors. Under specific circumstances, these major risks can lead to loss of funds and/or control of the project.
🟡 Medium	Risks may not pose a direct risk to users' funds, but they can affect the overall functioning of a platform
🟢 Low	Risks can be any of the above but on a smaller scale. They generally do not compromise the overall integrity of the Project, but they may be less efficient than other solutions.
ℹ️ Informational	Errors are often recommended to improve the code's style or certain operations to fall within industry best practices. They usually do not affect the overall functioning of the code.

Findings

Severity	Found	Pending	Resolved
🔴 Critical	1	0	0
🟠 High	0	0	0
🟡 Medium	0	0	0
🟢 Low	0	0	0
ℹ️ Informational	0	0	0
Total	1	0	0

Social Media Checks

Social Media	URL	Result
Twitter	https://x.com/WorldComputeN	Pass
Other	https://linktr.ee/WorldComputeNet	Pass
Website	https://worldcompute.net	Pass
Telegram	https://t.me/WorldComputeNet	Pass

We recommend to have 3 or more social media sources including a completed working websites.

Social Media Information Notes:

Auditor Notes: undefined

Project Owner Notes:

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OFFICIAL
PARTNER

Assessment Results

Score Results

Review	Score
Overall Score	100/100
Auditor Score	79/100
Review by Section	**Score**
Manual Scan Score	29
Auto Scan Score	37
Advance Check Score	35

The Following Score System Has been Added to this page to help understand the value of the audit, the maximum score is 100, however to attain that value the project most pass and provide all the data needed for the assessment. Our Passing Score has been changed to 84 Points for a higher standard, if a project does not attain 85% is an automatic failure. Read our notes and final assessment below.

Audit Passed

Assessment Results

Important Notes:

• Ownership and Control: Ensure the owner is trusted due to significant control over trading, fees, and liquidity. Ownership transfer and renunciation are available, but renunciation requires confirmation.ı

• Fee Structure: Buy and sell fees can be adjusted by the owner, though capped at 12% and 15% respectively. Monitor any changes to ensure they remain within specified limits.ı

• Trading and Liquidity: Trading can be enabled or paused by the owner, which could impact market activity. Liquidity can be initialized by the owner; ensure proper handling to avoid liquidity issues.ı

• Security Measures: Sniper protection is implemented, but relies on manual marking by the owner. Consider additional automated mechanisms for detecting malicious activity.ı

• Swap and Transaction Limits: Swap restrictions per block can be configured by the owner, impacting trading dynamics. Max buy/sell amounts and wallet limits are in place; ensure they are reasonable for market conditions.ı

• External Dependencies: Relies on external DEX contracts; ensure these are audited and secure. Verify the addresses of DEX router and factory for correctness.ı

• Code Quality: Functions like _transfer and swapBack are well-structured but ensure thorough testing. Consider additional comments for clarity on complex logic.

Auditor Score =79
Audit Fail

Appendix

Finding Categories

Centralization / Privilege

Centralization / Privilege findings refer to either feature logic or implementation of components that actagainst the nature of decentralization, such as explicit ownership or specialized access roles incombination with a mechanism to relocate funds.

Gas Optimization

Gas Optimization findings do not affect the functionality of the code but generate different, more optimalEVM opcodes resulting in a reduction on the total gas cost of a transaction.

Logical Issue

Logical Issue findings detail a fault in the logic of the linked code, such as an incorrect notion on howblock.timestamp works.

Control Flow

Control Flow findings concern the access control imposed on functions, such as owner-only functionsbeing invoke-able by anyone under certain circumstances.

Volatile Code

Volatile Code findings refer to segments of code that behave unexpectedly on certain edge cases that mayresult in a vulnerability.

Coding Style

Coding Style findings usually do not affect the generated byte-code but rather comment on how to makethe codebase more legible and, as a result, easily maintainable.

Inconsistency

Inconsistency findings refer to functions that should seemingly behave similarly yet contain different code,such as a constructor assignment imposing different require statements on the input variables than a setterfunction.

Coding Best Practices

ERC 20 Conding Standards are a set of rules that each developer should follow to ensure the code meet a set of creterias and is readable by all the developers.

Disclaimer

Assure Defi has conducted an independent security assessment to verify the integrity of and highlight any vulnerabilities or errors, intentional or unintentional, that may be present in the reviewed code for the scope of this assessment. This report does not constitute agreement, acceptance, or advocation for the Project, and users relying on this report should not consider this as having any merit for financial advice in any shape, form, or nature. The contracts audited do not account for any economic developments that the Project in question may pursue, and the veracity of the findings thus presented in this report relate solely to the proficiency, competence, aptitude, and discretion of our independent auditors, who make no guarantees nor assurance that the contracts are entirely free of exploits, bugs, vulnerabilities or deprecation of technologies.

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