



Cyberscope

Audit Report

Avorak

February 2023

Type BEP20

Network BSC

SHA256 0xb60cb6c66bAB2AF697Bd2C4704D2EBd68203ba4D

Audited by © cyberscope

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Review

| | |
|------------------|---|
| Contract Name | AvorakToken |
| Compiler Version | v0.8.17+commit.8df45f5f |
| Optimization | 200 runs |
| Explorer | https://bscscan.com/address/0xb60cb6c66bab2af697bd2c4704d2ebd68203ba4d |
| Address | 0xb60cb6c66bab2af697bd2c4704d2ebd68203ba4d |
| Network | BSC |
| Symbol | AVRK |
| Decimals | 18 |
| Total Supply | 40,000,000 |

Audit Updates

| | |
|-------------------|--|
| Initial Audit | 22 Feb 2023 https://github.com/cyberscope-io/audits/tree/main/avorak/v1 |
| Corrected Phase 2 | 26 Feb 2023 |

Source Files

| | |
|-----------------|--|
| Filename | SHA256 |
| AvorakToken.sol | e2d09f3b16afcf8e6ad42d319d81bad6e09507855380ec6b971159137c82e74b |

Analysis

● Critical ● Medium ● Minor / Informative ● Pass

| Severity | Code | Description | Status |
|----------|------|------------------------------------|--------|
| ● | ST | Stops Transactions | Passed |
| ● | OCTD | Transfers Contract's Tokens | Passed |
| ● | OTUT | Transfers User's Tokens | Passed |
| ● | ELFM | Exceeds Fees Limit | Passed |
| ● | ULTW | Transfers Liquidity to Team Wallet | Passed |
| ● | MT | Mints Tokens | Passed |
| ● | BT | Burns Tokens | Passed |
| ● | BC | Blacklists Addresses | Passed |

Diagnostics

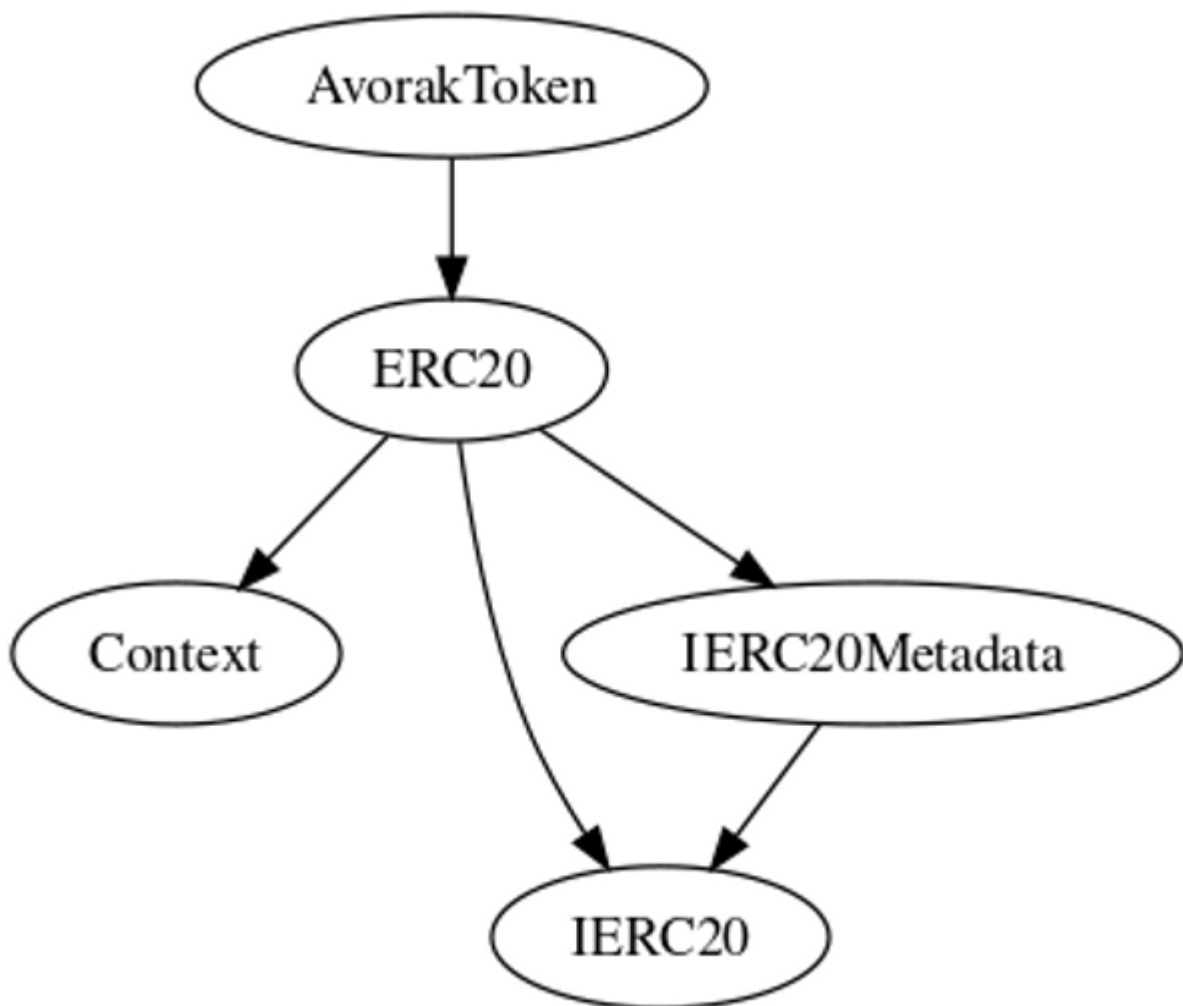
The team has fixed all the findings in the previous iteration.

Functions Analysis

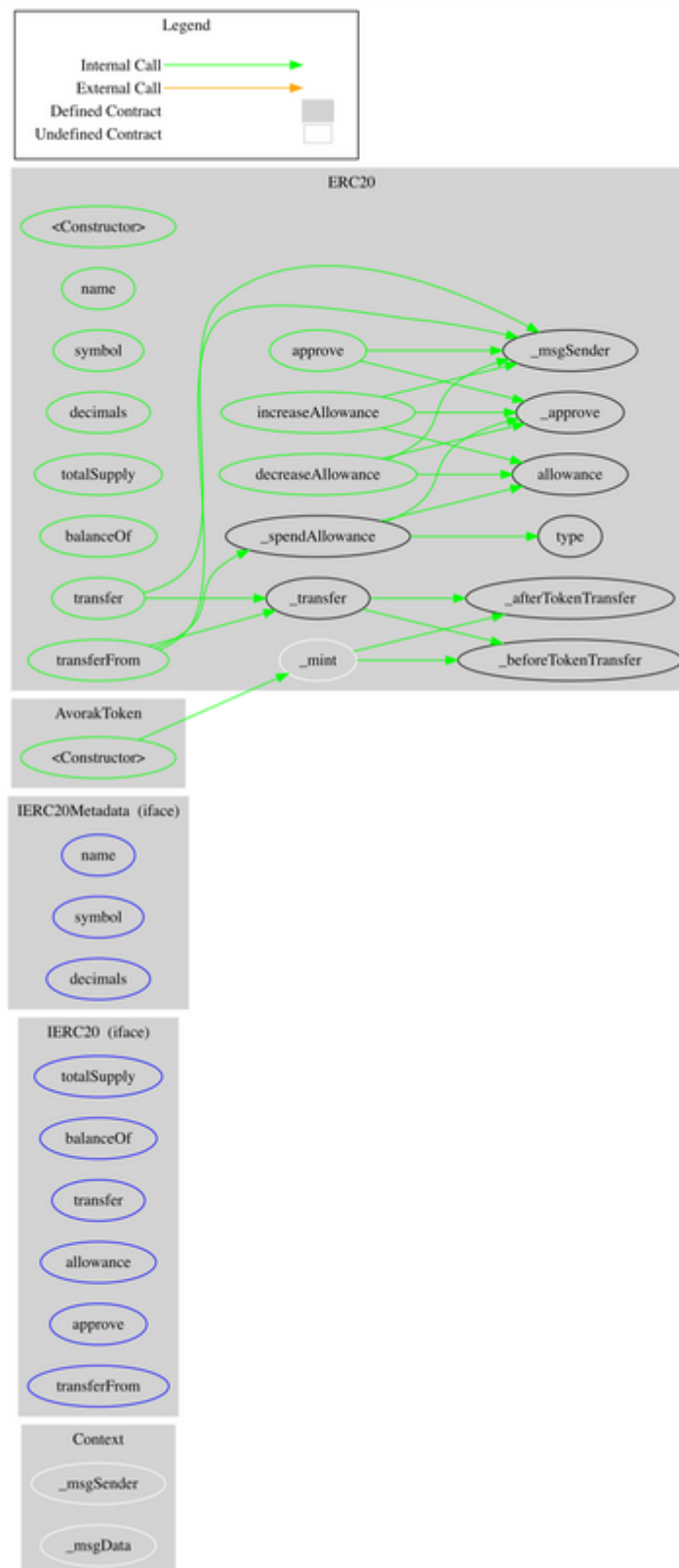
| Contract | Type | Bases | | |
|----------------|----------------|---------------------------------------|------------|-----------|
| | Function Name | Visibility | Mutability | Modifiers |
| Context | Implementation | | | |
| | _msgSender | Internal | | |
| | _msgData | Internal | | |
| | | | | |
| IERC20 | Interface | | | |
| | totalSupply | External | | - |
| | balanceOf | External | | - |
| | transfer | External | ✓ | - |
| | allowance | External | | - |
| | approve | External | ✓ | - |
| | transferFrom | External | ✓ | - |
| | | | | |
| IERC20Metadata | Interface | IERC20 | | |
| | name | External | | - |
| | symbol | External | | - |
| | decimals | External | | - |
| | | | | |
| ERC20 | Implementation | Context, IERC20, IERC20Metadata | | |
| | | Public | ✓ | - |
| | name | Public | | - |
| | symbol | Public | | - |
| | decimals | Public | | - |

| | | | | |
|--------------------|----------------------|----------|---|-------|
| | totalSupply | Public | | - |
| | balanceOf | Public | | - |
| | transfer | Public | ✓ | - |
| | allowance | Public | | - |
| | approve | Public | ✓ | - |
| | transferFrom | Public | ✓ | - |
| | increaseAllowance | Public | ✓ | - |
| | decreaseAllowance | Public | ✓ | - |
| | _transfer | Internal | ✓ | |
| | _mint | Internal | ✓ | |
| | _approve | Internal | ✓ | |
| | _spendAllowance | Internal | ✓ | |
| | _beforeTokenTransfer | Internal | ✓ | |
| | _afterTokenTransfer | Internal | ✓ | |
| | | | | |
| AvorakToken | Implementation | ERC20 | | |
| | | Public | ✓ | ERC20 |

Inheritance Graph



Flow Graph



Summary

Avorak is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler error or critical issues. The contract Owner can access some admin functions that can not be used in a malicious way to disturb the users' transactions.

Disclaimer

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About Cyberscope

Cyberscope is a blockchain cybersecurity company that was founded with the vision to make web3.0 a safer place for investors and developers. Since its launch, it has worked with thousands of projects and is estimated to have secured tens of millions of investors' funds.

Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.



The Cyberscope team

<https://www.cyberscope.io>