



Cyberscope

Audit Report

One80

March 2023

Type ERC20

Network ETH

Address 0x30E330ed574C21f92Ba578Aa68C5E218Bd6c04d6

Audited by © cyberscope

Table of Contents

| | |
|---------------------------|-----------|
| Table of Contents | 1 |
| Review | 1 |
| Audit Updates | 1 |
| Source Files | 1 |
| Analysis | 1 |
| Functions Analysis | 3 |
| Inheritance Graph | 6 |
| Flow Graph | 6 |
| Summary | 6 |
| Disclaimer | 6 |
| About Cyberscope | 11 |

Review

| | |
|------------------|---|
| Contract Name | One80Token |
| Compiler Version | v0.8.19+commit.7dd6d404 |
| Optimization | 200 runs |
| Explorer | https://etherscan.io/address/0x30e330ed574c21f92ba578aa68c5e218bd6c04d6 |
| Address | 0x30e330ed574c21f92ba578aa68c5e218bd6c04d6 |
| Network | ETH |
| Symbol | One80 |
| Decimals | 18 |
| Total Supply | 1,000,000,000 |

Audit Updates

| | |
|-------------------|--|
| Initial Audit | 22 Feb 2023 https://github.com/cyberscope-io/audits/tree/main/one80/v1/audit.pdf |
| Corrected Phase 2 | 03 Mar 2023 |

Source Files

| Filename | SHA256 |
|----------------|--|
| One80Token.sol | 1839b6ae4a7741cff686e951bd0cc1b2bcf0c87e32fe1a0d86e8deb573f80273 |

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 |

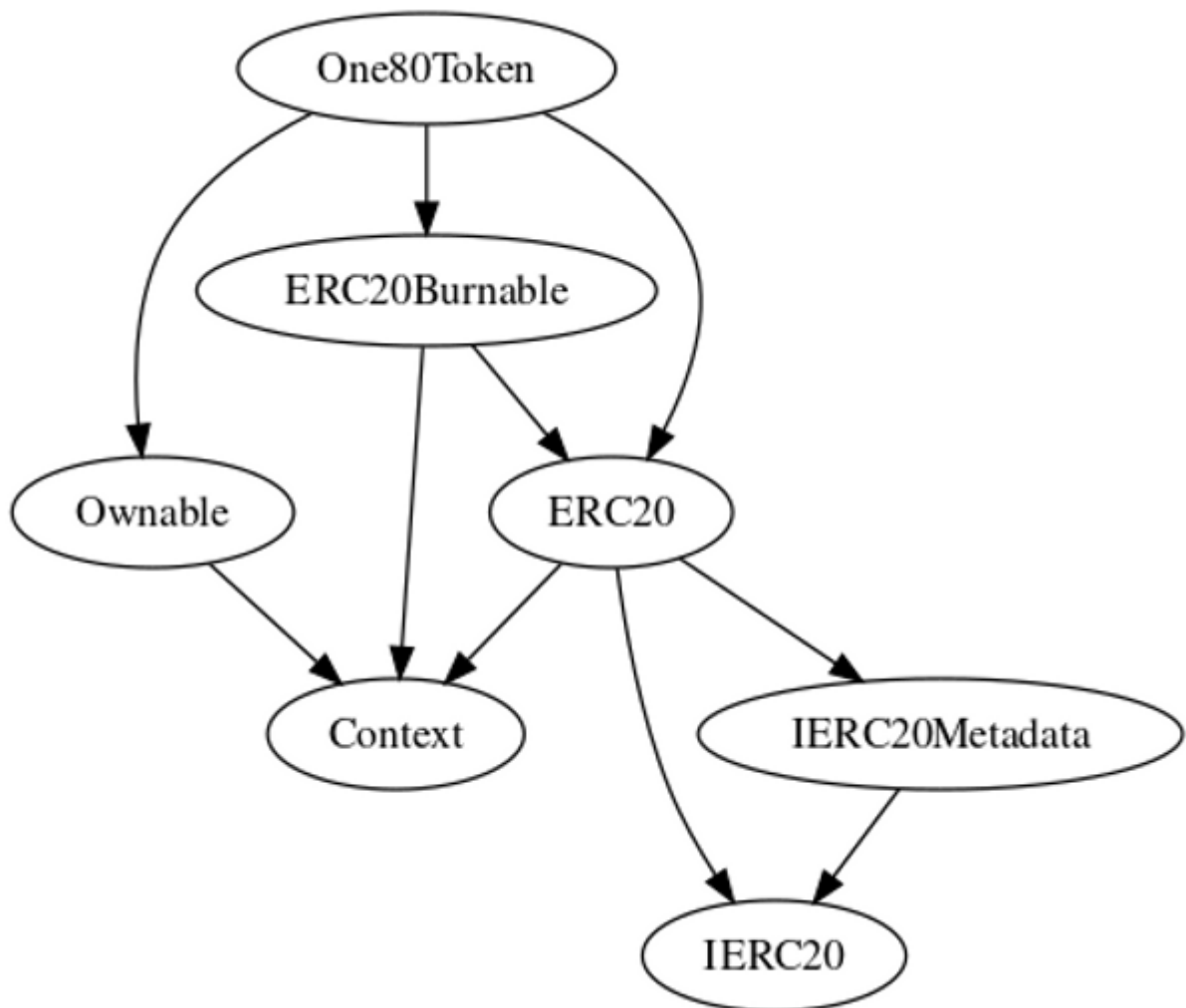
Functions Analysis

| Contract | Type | Bases | | |
|-----------------------|--------------------|------------|------------|-----------|
| | Function Name | Visibility | Mutability | Modifiers |
| | | | | |
| Context | Implementation | | | |
| | _msgSender | Internal | | |
| | _msgData | Internal | | |
| | | | | |
| Ownable | Implementation | Context | | |
| | | Public | ✓ | - |
| | owner | Public | | - |
| | renounceOwnership | Public | ✓ | onlyOwner |
| | transferOwnership | Public | ✓ | onlyOwner |
| | _transferOwnership | Internal | ✓ | |
| | | | | |
| IERC20 | Interface | | | |
| | totalSupply | External | | - |
| | balanceOf | External | | - |
| | transfer | External | ✓ | - |
| | allowance | External | | - |
| | approve | External | ✓ | - |
| | transferFrom | External | ✓ | - |
| | | | | |
| IERC20Metadata | Interface | IERC20 | | |
| | name | External | | - |
| | symbol | External | | - |
| | decimals | External | | - |
| | | | | |

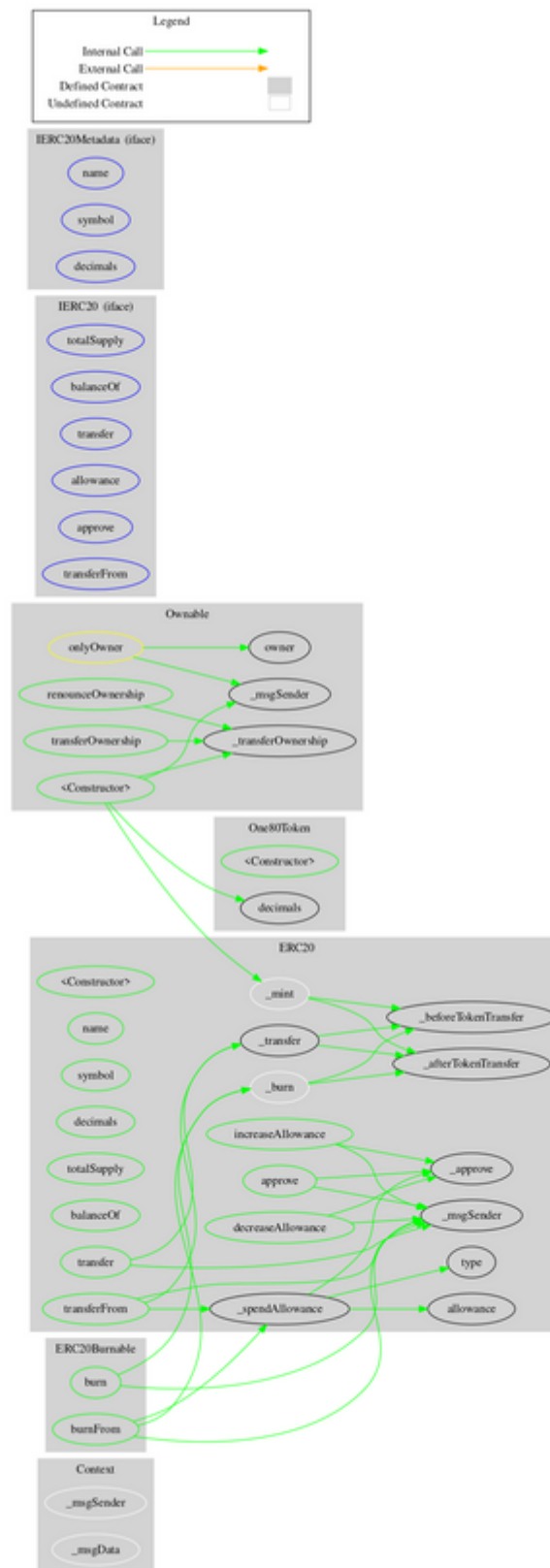
| | | | | |
|----------------------|----------------------|---|---|---|
| ERC20 | Implementation | Context, IERC20, IERC20Met adata | | |
| | | Public | ✓ | - |
| | name | Public | | - |
| | symbol | Public | | - |
| | decimals | Public | | - |
| | totalSupply | Public | | - |
| | balanceOf | Public | | - |
| | transfer | Public | ✓ | - |
| | allowance | Public | | - |
| | approve | Public | ✓ | - |
| | transferFrom | Public | ✓ | - |
| | increaseAllowance | Public | ✓ | - |
| | decreaseAllowance | Public | ✓ | - |
| | _transfer | Internal | ✓ | |
| | _mint | Internal | ✓ | |
| | _burn | Internal | ✓ | |
| | _approve | Internal | ✓ | |
| | _spendAllowance | Internal | ✓ | |
| | _beforeTokenTransfer | Internal | ✓ | |
| | _afterTokenTransfer | Internal | ✓ | |
| | | | | |
| ERC20Burnable | Implementation | Context, ERC20 | | |
| | burn | Public | ✓ | - |
| | burnFrom | Public | ✓ | - |
| | | | | |
| One80Token | Implementation | ERC20, ERC20Burn able, Ownable | | |

| | | | | |
|--|--|--------|---|-------|
| | | Public | ✓ | ERC20 |
|--|--|--------|---|-------|

Inheritance Graph



Flow Graph



Summary

One80 contract implements a token mechanism. This audit investigates security issues, business logic concerns, and potential improvements. One80 is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler errors 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.

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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>