



Cyberscope

# Audit Report

## **Aimeme**

January 2024

Network    ETH

Address    0xf69c3A5Be775c92898735Ff4E1Fe99fE6Ec89813

Audited by    © cyberscope

# Analysis

● Critical ● Medium ● Minor / Informative ● Pass

Severity	Code	Description	Status
●	ST	Stops Transactions	Passed
●	OTUT	Transfers User's Tokens	Passed
●	ELFM	Exceeds Fees Limit	Passed
●	MT	Mints Tokens	Passed
●	BT	Burns Tokens	Passed
●	BC	Blacklists Addresses	Passed

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## Review

Contract Name	AIM
Compiler Version	v0.8.20+commit.a1b79de6
Optimization	200 runs
Explorer	<a href="https://etherscan.io/address/0xf69c3a5be775c92898735ff4e1fe99fe6ec89813">https://etherscan.io/address/0xf69c3a5be775c92898735ff4e1fe99fe6ec89813</a>
Address	0xf69c3a5be775c92898735ff4e1fe99fe6ec89813
Network	ETH
Symbol	AIM
Decimals	18
Total Supply	500,000,000

## Audit Updates

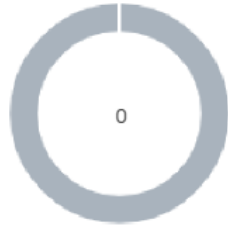
Initial Audit	03 Jan 2024
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## Source Files

Filename	SHA256
contracts/AIM.sol	dd1168674e46e33e1620c613a75169ef88 4656190cdc02bbf0217aa716d38f72
@openzeppelin/contracts/utils/Context.sol	1458c260d010a08e4c20a4a517882259a2 3a4baa0b5bd9add9fb6d6a1549814a
@openzeppelin/contracts/token/ERC20/IERC20.sol	94f23e4af51a18c2269b355b8c7cf4db800 3d075c9c541019eb8dcf4122864d5

<b>@openzeppelin/contracts/token/ERC20/ERC20.sol</b>	5031430cc2613c32736d598037d3075985 a2a09e61592a013dbd09a5bc2041b8
<b>@openzeppelin/contracts/token/ERC20/extensions /IERC20Metadata.sol</b>	af5c8a77965cc82c33b7ff844deb9826166 689e55dc037a7f2f790d057811990
<b>@openzeppelin/contracts/access/Ownable.sol</b>	9353af89436556f7ba8abb3f37a6677249a a4df6024fbfaa94f79ab2f44f3231

## Findings Breakdown



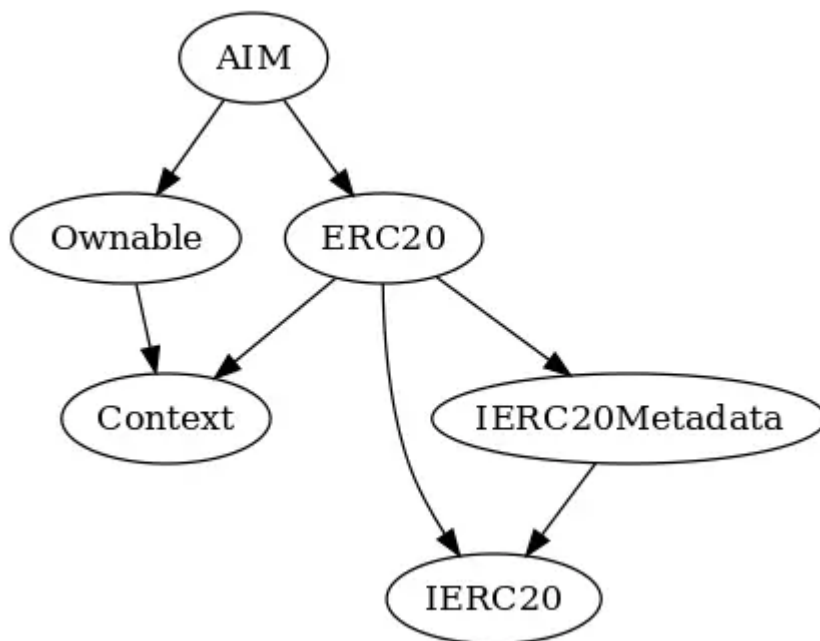
● Critical	0
● Medium	0
● Minor / Informative	0

Severity	Unresolved	Acknowledged	Resolved	Other
● Critical	0	0	0	0
● Medium	0	0	0	0
● Minor / Informative	0	0	0	0

## Functions Analysis

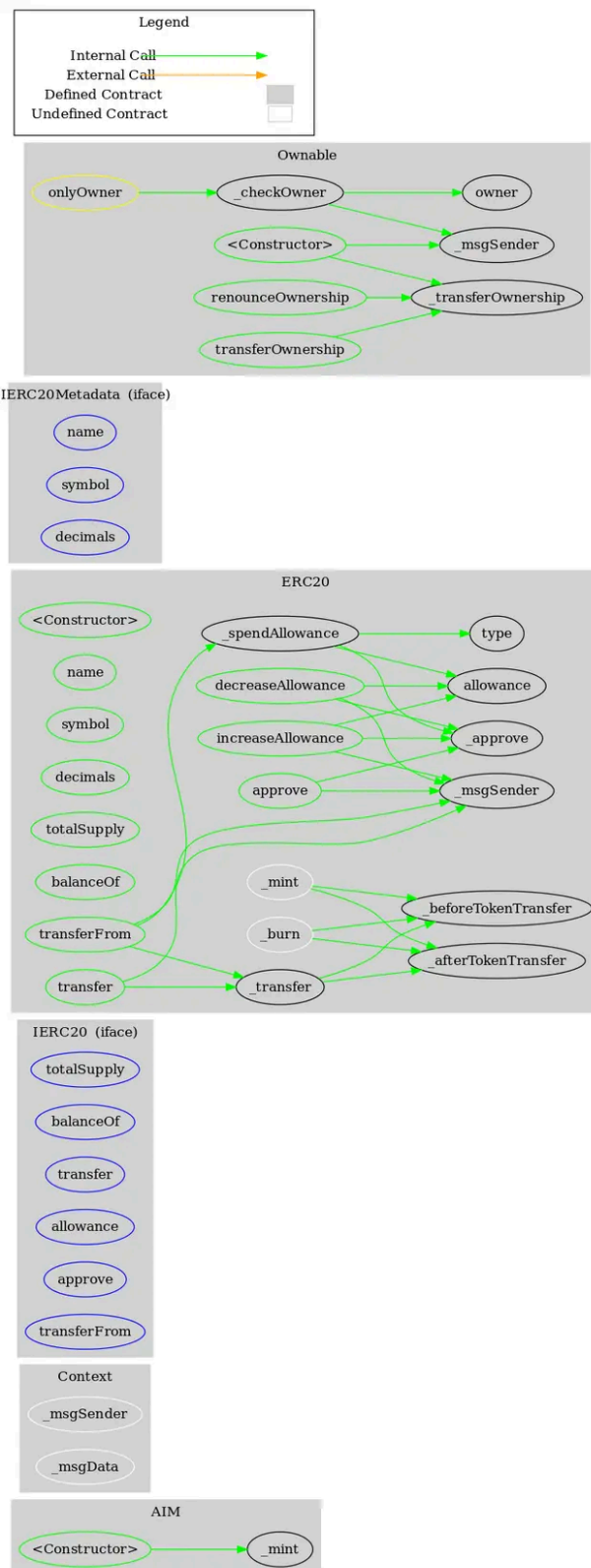
Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
AIM	Implementation	ERC20, Ownable		
		Public	✓	ERC20

## Inheritance Graph





# Flow Graph



## Summary

Aimeme contract implements a token mechanism. This audit investigates security issues, business logic concerns and potential improvements. Aimeme 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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Blockchain technology and cryptographic assets present a high level of ongoing risk. Cyberscope's position is that each company and individual are responsible for their own due diligence and continuous security. Cyberscope's goal is to help reduce the attack vectors and the high level of variance associated with utilizing new and consistently changing technologies and in no way claims any guarantee of security or functionality of the technology we agree to analyze. The assessment services provided by Cyberscope are subject to dependencies and are under continuing development. You agree that your access and/or use including but not limited to any services reports and materials will be at your sole risk on an as-is where-is and as-available basis. Cryptographic tokens are emergent technologies and carry with them high levels of technical risk and uncertainty. The assessment reports could include false positives, false negatives and other unpredictable results. The services may access and depend upon multiple layers of third parties.

# 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>