



Cyberscope

Audit Report

Fox&Gary

November 2023

Network ETH

Address 0xf6b65A0F86059E4C443f22A88729e0b0cB55E983

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	FoxAndGary
Compiler Version	v0.8.19+commit.7dd6d404
Optimization	200 runs
Explorer	https://etherscan.io/address/0xf6b65a0f86059e4c443f22a88729e0b0cb55e983
Address	0xf6b65a0f86059e4c443f22a88729e0b0cb55e983
Network	ETH
Symbol	FNG
Decimals	18
Total Supply	10,000,000,000,000

Audit Updates

Initial Audit	06 Nov 2023
Corrected Phase 2	08 Nov 2023

Source Files

Filename	SHA256
contracts/Owned.sol	e3a1c495ddb377a5bb958c16a6ba2f2b76d31be944ac03d43afe18d2411cd283
contracts/FoxAndGary.sol	ca3a9259a317ab4a3e98cc1312d85bb6211de4dda0d696b8033a3d49cb142de2
contracts/ERC20.sol	0d7993caf9532a99790bd9c94bff244ea68ab4f5b0123bb9510653474b063edb

Findings Breakdown

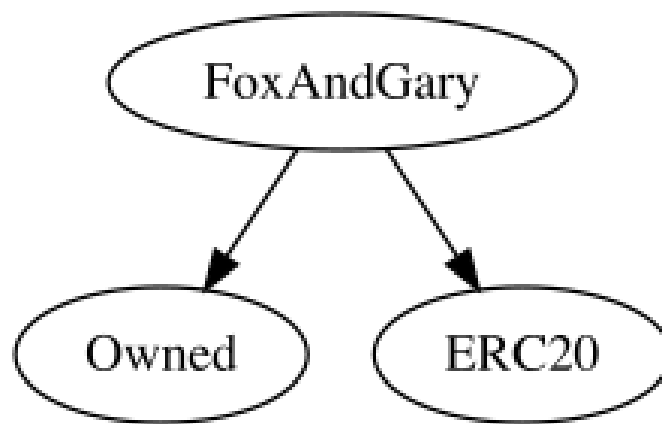
Severity	Unresolved	Acknowledged	Resolved	Other
● Critical	0	0	0	0
● Medium	0	0	0	0
● Minor / Informative	0	0	0	0

Functions Analysis

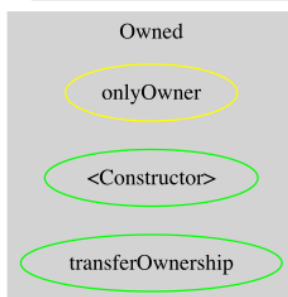
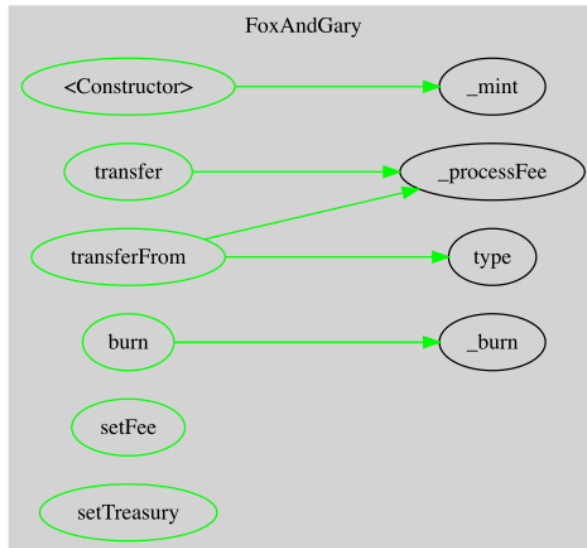
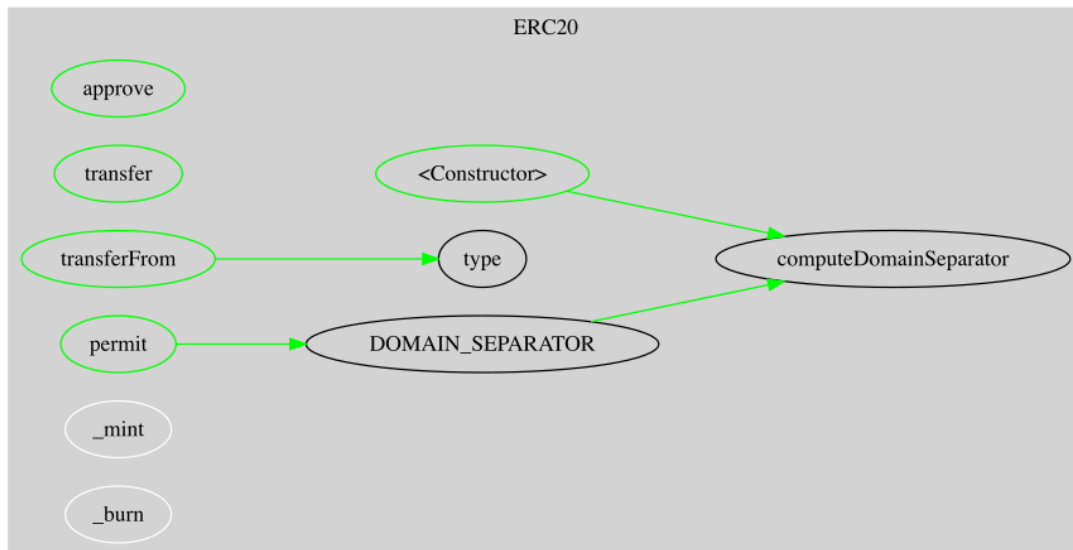
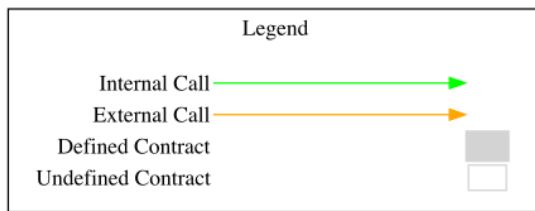
Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
Owned	Implementation			
		Public	✓	-
	transferOwnership	Public	✓	onlyOwner
FoxAndGary	Implementation	ERC20, Owned		
		Public	✓	ERC20 Owned
	transfer	Public	✓	-
	transferFrom	Public	✓	-
	_processFee	Private	✓	
	burn	Public	✓	-
	setFee	Public	✓	onlyOwner
	setTreasury	Public	✓	onlyOwner
ERC20	Implementation			
		Public	✓	-
	approve	Public	✓	-
	transfer	Public	✓	-
	transferFrom	Public	✓	-

	permit	Public	✓	-
	DOMAIN_SEPARATOR	Public		-
	computeDomainSeparator	Internal		
	_mint	Internal	✓	
	_burn	Internal	✓	

Inheritance Graph



Flow Graph



Summary

Fox&Gary contract implements a token mechanism. This audit investigates security issues, business logic concerns, and potential improvements. Fox&Gary is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler errors and one critical issue. The contract Owner can access some admin functions that can not be used in a malicious way to disturb the users' transactions. There is also a limit of max 2% fees.

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>